MSCC

MISSISSIPPI SOUTHERN COLLEGE CATALOG

1961-1962

HATTIESBURG, MISSISSIPPI

ACCREDITED

BY

SOUTHERN ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS

NATIONAL ASSOCIATION OF SCHOOLS OF MUSIC

NATIONAL COUNCIL FOR ACCREDITATION OF TEACHER EDUCATION

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MISSISSIPPI ASSOCIATION OF COLLEGES

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NOTE: Programs previously accredited by the American Association of Colleges for Teacher Education are accredited by the National Council for Accreditation of Teacher Education.

Mississippi Southern College

Hattiesburg, Mississippi

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ANNOUNCEMENTS
1961-62

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FALL QUARTER OPENS SEPTEMBER 18, 1961

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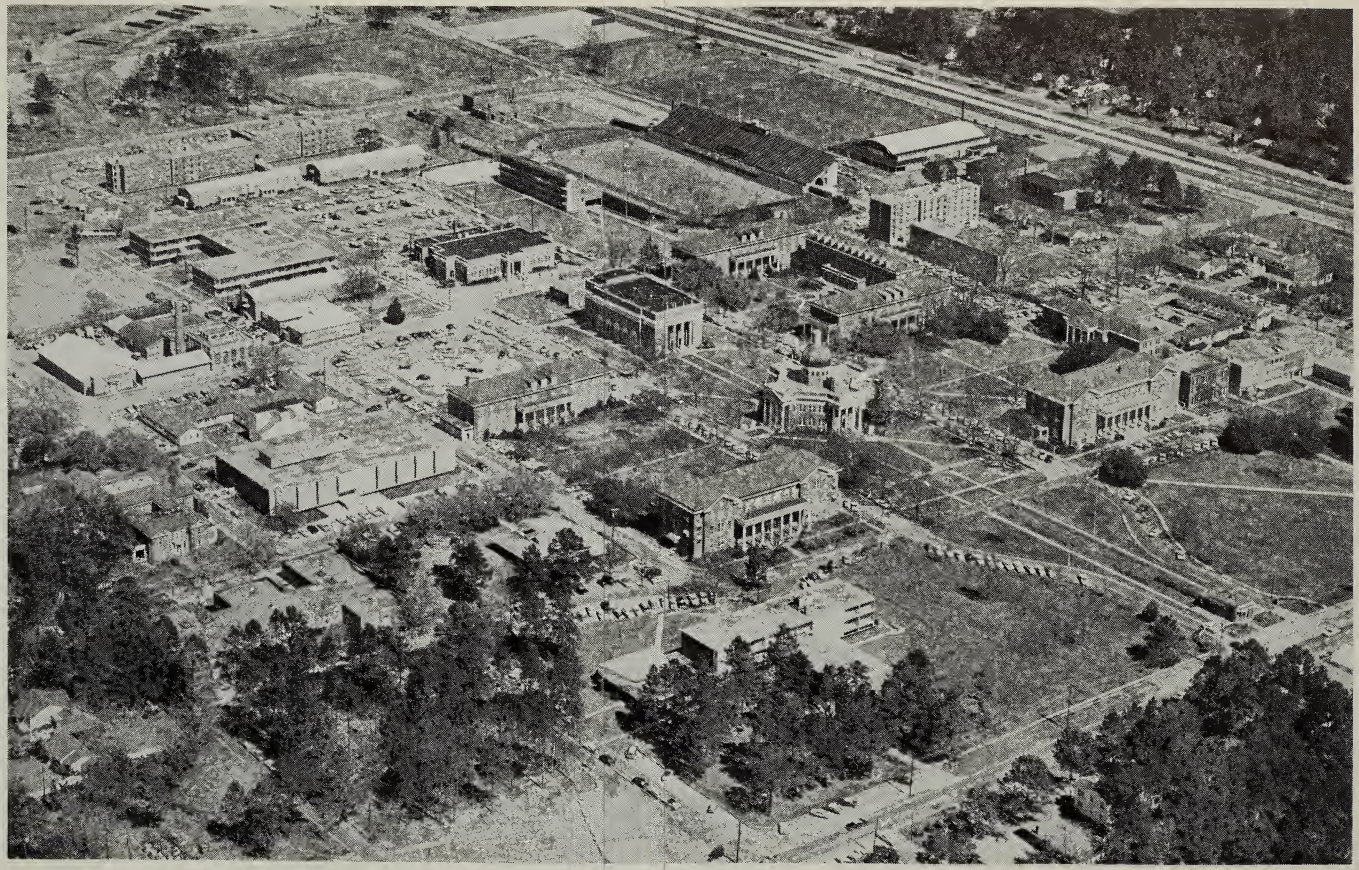

Aerial view of Mississippi Southern campus

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CALENDAR

GENERAL CALENDAR

FALL QUARTER—1961-62

Sunday through Friday, September 10-15
Pre-school rush—fraternities and sororities

Thursday and Friday, September 14 and 15
Various pre-quarter faculty and departmental meetings (faculty will be on duty)

Saturday, September 16
First varsity home football game

Sunday, September 17
12:00 Noon Dormitories open for freshmen and transfer students

Monday and Tuesday, September 18 and 19
Orientation for freshmen and transfer students

Wednesday, September 20
Continuation of orientation for freshmen and transfer students
6:00 P. M. Evening College and Graduate registration
8:00 P. M. Wednesday evening classes begin meeting

Thursday, September 21
Registration for freshmen and transfer students
6:00 P. M. Continuation of Evening College registration

Friday, September 22
Registration of undergraduate previously enrolled students by appointment card.

Saturday, September 23
8:00 A. M.-12:00 Noon Continuation of registration by appointment card. Last day of registration without late registration fee (in case of evening college classes late registration fee is applicable after Tuesday evening, September 26)

Monday, September 25
8:00 A. M. Classes begin meeting on schedule
8:00 A. M. Fee for adding and dropping classes effective

Monday, October 2
Last day for registering or adding fall quarter classes

Saturday, October 14
8:30 A. M. National Teacher Examination

Monday, October 30
Beginning of second term of fall quarter—date for adding or registering for second term courses without penalty. (Date for reporting mid-term deficiencies)

Thursday, November 2
English Proficiency Examination

Saturday, November 18
8:30 A. M. Graduate Records Examination

Wednesday, November 22
4:00 P. M. Thanksgiving holidays begin

Monday, November 27
8:00 A. M. Class work resumed

Monday, Tuesday, Wednesday, Thursday, December 11, 12, 13, 14
Fall quarter examinations and records

WINTER QUARTER—1961-62

Tuesday, January 2
6:00 P. M. Evening College and Graduate registration
8:00 P. M. Tuesday night classes begin meeting

Wednesday and Thursday, January 3 and 4
8:00 A. M. Registration for undergraduate students
6:00 P. M. Continuation of Evening College registration

Thursday, January 4
Last day of registration without late registration fee (in case of evening college classes late registration fee is applicable after Friday, January 5)

Friday, January 5
8:00 A. M. All classes begin meeting on schedule
8:00 A. M. Fee for adding and dropping classes effective
6:30 P. M. Monday night classes in Evening College will meet

Saturday, January 6
8:00 A. M. All classes meet on Monday schedule

Friday, January 12
Last day for registering or adding winter quarter classes

Saturday, January 20
8:30 A. M. Graduate Records Examination

Saturday, February 10
8:30 A. M. National Teacher Examination

Monday, February 12
8:00 A. M. Beginning of second term of winter quarter—date for registering or adding second term classes without penalty (Date for reporting mid-term deficiencies)

Thursday, February 15
English Proficiency Examination

Monday, Tuesday, Wednesday, Thursday, Friday, March 12, 13, 14, 15, 16
Winter quarter examinations and records

SPRING QUARTER—1961-62

Monday, March 19
6:00 P. M. Evening College and Graduate registration
8:00 P. M. Monday night classes begin meeting

Tuesday and Wednesday, March 20 and 21
8:00 A. M. Registration for undergraduate students
6:00 P. M. Continuation of Evening College registration

Wednesday, March 21
Last day of registration without late registration fee (in case of Evening College classes late registration fee is applicable after Thursday evening, March 22)

Thursday, March 22
8:00 A. M. All classes begin meeting on schedule
8:00 A. M. Fee for adding and dropping classes effective

Saturday, March 24
8:00 A. M. All classes will meet on Monday schedule

Thursday, March 29
Last day for registering or adding spring quarter classes

Saturday, April 7
8:30 A. M. Comprehensive Examination

Thursday, April 19
4:00 P. M. Easter holidays begin (Thursday night, Friday night and Saturday morning classes meet)

Monday, April 23
8:00 A. M. Class work resumed

Saturday, April 28
8:30 A. M. Graduate Records Examination

Monday, April 30
8:00 A. M. Beginning of second term of spring quarter—date for adding or registering for second term courses without penalty
(Date for reporting mid-term deficiencies)

Thursday, May 3
English Proficiency Examination

Tuesday, May 8
10:00 A. M. Spring quarter convocation

Tuesday, May 15
10:00 A. M. Honors Day Convocation

Saturday, Monday, Tuesday, Wednesday, May 26, 28, 29, 30
Spring quarter examinations and records
(Thursday night examinations will be held on Thursday night, May 31)

Sunday, June 3
11:00 A. M. Baccalaureate sermon
5:45 P. M. Graduation exercises

SUMMER QUARTER—1961-62

Tuesday, June 5
6:00 P. M. Evening College and Graduate registration
8:00 P. M. Tuesday night classes begin meeting

Wednesday and Thursday, June 6 and 7
8:00 A. M. Registration for summer quarter.
6:00 P. M. Evening College registration
Last day of registration without late registration fee (in case of evening college classes late registration fee is applicable after Friday, June 8)

Friday, June 8
8:00 A. M. Classes begin meeting on schedule
6:30 P. M. Monday night classes in Evening College will meet

Monday, June 18 to Friday, June 22
Annual Reading Conference

Saturday, July 7
8:30 A. M. Graduate Records Examination

Friday, July 13
First term examinations

Monday, July 16
Registration for second term of summer quarter
Second term courses may be added on this date without penalty

Saturday, July 21
Comprehensive Examinations

Thursday, Friday, Saturday, August 9, 10, 11
Examinations and records

Tuesday, August 14
5:45 P. M. Graduation exercises

GENERAL ADMINISTRATION

BOARD OF TRUSTEES

Of State Institutions of Higher Learning, State of Mississippi

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Members Whose Terms Expire May 7, 1968

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JOHN H. ALLEN, B.A., M.A., Ph.D. — Dean of the Basic College and Dean of the School of Arts and Sciences

JOSEPH A. GREENE, A.B., M.A., Ph.D. — Dean of School of Commerce and Business Administration

RAYMOND MANNONI, B.S., B.M., M.M.Ed., M.Ed.D. — Acting Chairman of Division of Fine Arts

BERTHA M. FRITZSCHE, B.S., M.S., Ph.D. — Chairman of Division of Home Economics

JAMES R. SWITZER, B.S., M.A. — Dean of Student Affairs

[1]LENA Y. GOUGH, B.S., M.A. — Dean of Women

IVAH O. WILBER, B.S., M.A. — Associate Dean of Women

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WILLIAM E. KIRKPATRICK, B.S. — Director of College Union

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JOEL R. EAKENS, B.S. — Director of Physical Plant

A. J. JAEGER, B.B.A. — Assistant Financial Secretary

[1]Leave of Absence, 1960-61

FACULTY COMMITTEES

ACADEMIC COUNCIL: McCain, J. H. Allen, Burns, Daniel, Forbes, Fortune, Fritzsche, Greene, Hardin, G. Hartwig, A. Kelley, McQuagge, Mannoni, Morgan, R. Owings, Roberts, Staiger, Stritch, Van Hook.

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ASSEMBLY PROGRAMS: J. H. Allen, Baker, Benner, Gonzales, Grantham, G. Hartwig, Huck, Keck, Mannoni, Nau, South, Weatherford, Christian Federation President, Student Body President.

ATHLETICS: Milam, Davis, Miller, Smalling, Switzer.

AUDITORIUM: Fortune, J. H. Allen, G. Hartwig, Hays, Jellinek, R. Johnson, Mannoni, Nau, Smalling, Treser.

CALENDAR: Fortune, J. H. Allen, Fritzsche, B. Green, R. Green, Greene, R. Johnson, Lucas, McQuagge, Mannoni, Miller, Morgan, R. Owings, Reindorp, Smalling, Staiger, Stritch, Switzer, Weatherford, I. Wilber.

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CATALOGUE: McQuagge, J. H. Allen, Buckley, DeRosier, Easterling, Fike, Fortune, Greene, Lok, Lucas, Merrifield, Morgan, Orange, R. Owings, Pound, Smalling, Switzer, Webb.

COLLEGE PRESS: Burrus, Buckley, Burns, Collier, Crohn, Fike, J. Kelley, McQuiston, Newsom, Sanders, Simonson, Stegenga, Wall, E. White.

COLLEGE UNION: Switzer, Grantham, G. Hartwig, Hays, Hooker, Kirkpatrick, Ogletree, Shivers, I. Wilber, Interfraternity Council President, Panhellenic Council President, Student Government First Vice-President, Student Government Second Vice-President.

COMMENCEMENT: Fortune, J. H. Allen, Dale, Easterling, Felder, Fritzsche, Greene, G. Hartwig, R. Johnson, Joseph, Knight, Lok, McQuagge, Mannoni, Marsh, Nau, Ogletree, R. Owings, Smalling, W. Stout, I. Wilber, L. Wilber, Officers of the Senior Class.

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GRADUATE COUNCIL: Fortune, J. A. Allen, Burrus, Fritzsche, Greene, Hardin, McQuagge, Mannoni, Miller, Musgrave, Orange, R. Owings, Sorbet, Staiger, Stegenga, Woodmansee.

HOUSING: Smalling, Ambrose, Barnett, R. Green, Hagenson, Jaeger, R. Johnson, P. Stout, Switzer, I. Wilber.

LIBRARY: Roberts, J. H. Allen, Fike, Fortune, Fritzsche, Gonzales, Greene, G. Hartwig, Landskov, C. Lane, Magee, Mannoni, Moorman, Musgrave, R. Owings, Stegenga, Wall, L. Wilber, Woodmansee.

NURSING PROGRAM: Walker, J H. Allen, C. Brent, Cliburn, Fritsche, Huddleston, Milam, Yarrow, Woodmansee.

ORIENTATION: Weatherford, J. H. Allen, Craft, Dale, Grantham, M. C. Johnson, Kirkpatrick, Lucas, McQuagge, Nau, Smalling, Staiger, Switzer, I. Wilber, Yarrow.

PLACEMENT BUREAU: Lenoir, Barnett, B. Brown, Daniel, DeVries, Hardin, Harrises, Landskov, Lynch, McKenna, Milam, Stegenga, Treser, Walker, Weatherford.

PUBLIC RELATIONS: Cleveland, Fortune, R. Green, G. Hartwig, Hays, R. Johnson, F. Lewis, Mannoni, Morgan, Myers, Saetre.

REGISTRATION: McQuagge, J. H. Allen, Dale, Fortune, B. Green, Greene, Jaeger, Lucas, Morgan, R. Owings, Reindorp, Smalling, Switzer, Weatherford.

RELIGIOUS ACTIVITIES: Nau, Barnett, Bonner, Davis, DeVries, Farmer, Felder, George, Harmon, M. C. Johnson, Napier, Reck, Roubos, M. Smith, Walker, L. Wilber, President of Student Christian Federation.

RESEARCH AND CREATIVE ACTIVITIES: Davis, Bahr, R. Brent, Burrus, Carpenter, Collier, Easterling, Fike, Fritzsche, Gonzales, Hinds, Hudson, A. Kelley, C. Lane, Moody, Nicholson, R. Owings, Peters, Pound, Simonson, Stritch, Woodmansee.

SCHOLARSHIP STANDARDS: Switzer, J. H. Allen, Baldwin, Easterling, Fortune, Golden, Grantham, G. Hartwig, Huff, H. Jackson, Joseph, A. Kelley, C. Lane, Lok, McQuagge, Orange, Pound, Presser, Sorbet, Staiger, Weatherford, I. Wilber, L. Wilber.

SPECIAL EDUCATION: Bigelow, Burns, Frye, Grange, Miller, Musgrave, Peters, Rabin, Staiger, Stritch, Wall.

STUDENT AID AND SCHOLARSHIPS: Switzer, Conn, Fike, Jaeger, R. Johnson, A. Kelley, Lucas, Mannoni, Ogletree, M. Smith, I. Wilber.

STUDENT SOCIAL LIFE: Kirkpatrick, R. Brent, Davis, Grantham, Hooker, Sumrall, I. Wilber, President of Panhellenic Council, President of Interfraternity Council, First Vice-President of Student Government Association, Second Vice-President of Student Government Association, Social Chairman of Student Government Association, Chairman of College Union Activities Committee.

STUDENT TEACHING: Campbell, Black, Easterling, Felder, Fritzsche, Landskov, Mannoni, Milam, R. Owings, Stegenga, R. White.

TESTING: Weatherford, Boroughs, Craft, Frye, Gurman, R. Johnson, Musgrave, Staiger, Stritch, Switzer, Wall.

THERAPY PROGRAMS: Milam, Boroughs, Boxberger, Burns, Landskov, Peters, Switzer, Walker, Yarrow.

VISUAL EDUCATION: Knight, Ambrose, Bigelow, Burks, Burns, Frazier, Hinton, Milam, Shivers, Townley, L. Wilber.

•The President of the College is ex-officio member of all committees.

The person named first on each committee is chairman of the committee.

INSTRUCTIONAL AND ADMINISTRATIVE STAFFS

FACULTY

FACULTY EMERITI

MISS WILLA BOLTON, Professor Emeritus of Geography

MISS PEARL CAMPBELL, Associate Professor Emeritus of Home Economics

MRS. KATHERINE FOOTE, Associate Professor Emeritus of Mathematics

MRS. MINNIE B. FORD, Assistant Professor Emeritus of Education

MR. THOMAS H. FREENY, Professor Emeritus of Psychology

MISS ALMA HICKMAN, Professor Emeritus of English

MR. JOHN M. KING, Associate Professor Emeritus of Education

DR. ROSEWELL G. LOWREY, Professor Emeritus of English

MRS. SALLIE STEVENS McLEMORE, Assistant Professor Emeritus of Education

DR. WILLIAM HERBERT SUMRALL, Dean Emeritus of the Graduate School

MISS ERNESTINE THOMAE, Associate Professor Emeritus of English

MR. F. A. VARRELMAN, Professor Emeritus of Biology

FACULTY

WILLIAM D. McCAIN, B.S., M.A., Ph.D.—President of the College
B.S., Delta State College, 1930; M.A., University of Mississippi, 1931; Ph.D., Duke University, 1935.

JAMES L. ALLEN, JR., B.A., M.A., Ph.D.—Associate Professor of English
B.A., Tulane University, 1953; M.A., 1954; Ph.D., University of Florida, 1959.

JOHN H. ALLEN, B.A., M.A., Ph.D.—Dean of the School of Arts and Sciences, Dean of the Basic College, and Professor of Sociology
B.A., Southeastern Louisiana College, 1949; M.A., Louisiana State University, 1951; Ph.D., The Pennsylvania State University, 1955.

[2]MARILYN BROWN ALLEN, B.S., M.A.—Instructor in Speech
B.S., Mississippi State College for Women, 1941; M.A., Mississippi Southern College, 1956.

CHARLES EDWARD AMBROSE, B.F.A., M.A.—Assistant Professor of Art
B.F.A., University of Alabama, 1949; M.A., 1950.

HAYWARD G. ANDERSON, B.S., M.A.—Assistant Professor of Accounting
B.S., Mississippi Southern College, 1950; M.A., 1955; graduate study, University of Alabama, summers, 1957-58-59.

HOWARD W. BAHR, A.B., Ph.D.—Associate Professor of English
A.B., Oberlin College, 1938; graduate study, Ohio State University, 1938-39; graduate study, Oberlin College, 1946-47; Ph.D., University of North Carolina, 1960.

GEORGE A. BAKER, B.M.E., M.M.—Assistant Professor of Brass and Theory
B.M.E., Boston University, 1949; M.M., 1956; post-graduate study, George Peabody College.

MABEL M. BALDWIN, B.S. in Ed., M.A.—Assistant Professor of Business Education
B.S. in Ed., Central Missouri State College, 1931; M.A., University of Iowa, 1940; study, Columbia University, summers 1946-47-48-50.

[3]CARROLL RAYBORNE BALL, B.A., M.S.—Assistant Professor of Biology
B.A., University of Mississippi, 1947; M.S., 1948; pre-doctoral study, Duke University, 1948-51; West Virginia University, 1955.

JERRY NOLLEY BARHAM, B.S., M.S., Ed.D.—Associate Professor of Health and Physical Education
B.S., Arkansas A & M College, 1953; M.S., Louisiana State University, 1958; Ed.D., 1960.

HARRY ROSS BARKER, JR., B.A., M.A.—Assistant Professor of Psychology
B.A., West Virginia Wesleyan College, 1948; M.A., Marshall College, 1949; post graduate, Emory University, 1957-60.

VERA T. BARNETT, B.S., M.S.—Assistant Professor of Home Economics
B.S., Mississippi State College for Women, 1920; M.S., Florida State University, 1950; graduate study, 1950-56.

MARY POE BAYLIS, A.B., Mus.B.—Associate Professor of Piano and Piano Pedagogy
A.B., Davenport College, Lenoir, N.C., 1922; Mus.B., New York School of Music and Arts, 1924; graduate study, summer 1949; University of Wyoming, summer 1954.

FRANCES BENNER, B.M., Mus.M.—Associate Professor of Voice
Arthur Jordan Conservatory, Butler University, Soloist Diploma in Piano; Fontainbleau School of Music; B.M. and M.Mus. in voice, Cincinnati College of Music, 1955.

ROY G. BIGELOW, B.S.Ed., M.A., Ph.D.—Professor of Education
B.S.Ed., Central Missouri State College, 1920; M.A., University of Missouri, 1926; Ph.D., George Peabody College, 1939; independent study in business and public administration, guided by Vanderbilt University, 1940-41.

HAZEL M. BLACK, A.B., M.A.—Assistant Professor of Elementary Education
A.B., Iowa State Teachers College, 1944; M.A., George Peabody College, 1945.

ANNELLE BONNER, B.S., M.A.—Assistant Professor of Business Education
B.S., Mississippi Southern College, 1946; M.A., 1954; graduate study, Indiana University, summers 1958-59.

HERMAN BOROUGHS, B.S., M.Ed., Ed.D.—Chairman of Department of Guidance and Counselor Training and Professor of Guidance
B. S., Texas College of Arts and Industries, 1935; M.Ed., University of Missouri, 1946; Ed.D., 1948.

RUTH IRENE BOXBERGER, B.S. in Mus., M.M.Ed.—Assistant Professor of Music Therapy
B.S. in Mus., Kansas State Teachers College, 1941; M.M.Ed., University of Minnesota, 1947; pre-doctoral study, University of Kansas, 1956-57.

CHARLES R. BRENT, B.A., M.S.—Associate Professor of Chemistry
B.A., Mississippi Southern College, 1953; M.S., Tulane University, 1960.

ROBERT A. BRENT, A.B., M.A., Ph.D.—Professor of History and Government
A.B., Gettysburg College, 1943; M.A., University of Virginia, 1947; Ph.D., 1950; post doctoral study, Columbia University, summer 1952.

BAHNGRELL W. BROWN, B.A., M.S., Ph.D.—Associate Professor of Geology
B.A., University of Omaha, 1937; M.S., University of Nebraska, 1952; Ph.D., 1954.

MARIANNE BROWN, B.S., M.A.—Instructor in Health and Physical Education
B.S., Delta State Teachers College, 1947; M.A., Mississippi Southern College, 1956.

OLIN T. BROWN, A.B., M.A., Ph.D.—Chairman of Department of Geology and Professor of Geology
A.B., Ohio State University, 1925; M.A., Colgate University, 1927; Ph.D., Cornell University, 1930; post-doctoral study, summer 1935.

FRANK W. BUCKLEY, B.A., LL.B., M.A.—Chairman of Department of Journalism and Associate Professor of Journalism
A.B., Louisiana College, 1936; LL.B., Vanderbilt University, 1954; M.A., Florida State University, 1955.

CORRIE LYNNE BUNCH, B.S., M.A. in L.S.—Reference Librarian
B.S., Mississippi Southern College, 1943; M.A. in L.S., George Peabody College, 1960.

WILLIAM G. BURKS, A.B., M.A., Ph.D.—Chairman of Department of Foreign Languages and Professor of Foreign Languages
A.B., University of Mississippi, 1928; M.A., University of Alabama, 1935; Ph.D., University of North Carolina, 1948; study, McDill University, summer 1953; summer school in France (Aubigny), 1958.

ZED H. BURNS, B.S., M.S., Ed.D.—Chairman of Department of Industrial Arts and Professor of Industrial Arts
B.S., in Arch., Auburn University, 1927; M.S., 1929; Ed.D., University of Cincinnati, 1937; summer study, Columbia University, University of Alabama, 1948.

JOHN N. BURRUS, A.B., M.A., Ph.D.—Chairman of Department of Sociology and Professor of Sociology
A.B., University of Mississippi, 1942; M.A., Louisiana State University, 1944; Ph.D., 1950.

CLAUDE LOUIS CAMPBELL, B.S., M.A., Ed.D.—Associate Professor of Education and Coordinator of Student Teaching
B.S., Mississippi Southern College, 1939; M.A., George Peabody College, 1946; Ed.D., 1954.

[1]WILLETTA ANNE HUDSON CARPENTER, B.S.—Assistant Professor of Home Economics
B.S., Mississippi Southern College, 1957; graduate study, 1959-60.

STANLEY CARPENTER, B.S., M.B.A., C.P.A.—Assistant Professor of Accounting
B.S., Mississippi Southern College, 1957; M.B.A., University of Georgia, 1958; C.P.A., 1960.

FRANK CHEW, A.B., M.A.—Assistant Professor of Oceanography
A.B., University of California, 1944; M.A., Scripps Institute of Oceanography, 1950; pre-doctoral study, 1950-52.

ELSIE B. CHICHESTER, B.S., M.S.—Director of the Nursery School and Assistant Professor of Home Economics
B.S., Delta State Teachers College, 1945; M.S., University of Tennesssee, 1948.

THOMAS T. CHISHOLM, B.A., M.A.—Assistant Professor of Foreign Languages
B.A., University of Mississippi, 1951; M.A., University of Texas, 1958.

JOSEPH WILLIAM CLIBURN, B.S., M.A., Ph.D.—Associate Professor of Biology
B.S., Millsaps College, 1947; M.A., Mississippi Southern College, 1953; Ph.D., University of Alabama, 1960.

BONNIE CLINTON, B.S., M.A.—Critic Teacher in George Hurst School and Instructor in Education
B.S., University of Akron, 1942; M.A., Miississippi Southern College, 1952.

GERALD LOYD COLLIER, B.A., M.A.—Associate Professor of Geography
B.A., Southern Methodist University, 1952; M.A., University of Nebraska, 1954.

EDWARD H. CONROW—Instructor in the Institute of Latin American Studies

WILLIE EARL COOLEY, B.S., M.Ed.—Critic Teacher in George Hurst School and Instructor in Education
B.S., Mississippi Southern College, 1956; M.Ed., 1958.

HARVEY M. CRAFT, JR., B.A., M.A.—Assistant Professor of English and Director of Freshman English
B.A., Mississippi Southern College, 1945; M.A., University of Alabama, 1948; M.A., Mississippi Southern College, 1956; pre-doctoral study, Tulane University, 1958-59.

MARY BETH STONER CRAFT, B.A., M.A.—Acting Instructor in English
B.A., Mississippi Southern College, 1945; M.A., University of Alabama, 1948.

HARRIS CROHN, B.S., M.S.—Assistant Professor of Piano and Musicology
B.S., M.S., with piano as a major, Juilliard School of Music, 1952, 1953; pre-doctoral study in musicology, Columbia University; pre-doctoral study with piano as a major, Eastman School of Music, summer 1959.

GENE ARNOLD CROWDER, B.S.—Instructor in Industrial Arts
B.S., Mississippi Southern College, 1958; graduate study, Colorado State University, summer 1959.

EMMA HELEN STEWART CURRIE, B.A., M.A.—Instructor in Institute of Latin American Studies
B.A., Mississippi Southern College, 1950; M.A., Scarritt College, 1953.

JOHN H. DALE, Lieutenant Colonel, U.S.A., B.S.—Professor of Military Science and Tactics
B.S., Mississippi State College, 1947; graduate study, 1948.

COLDWELL DANIEL, III, B.B.A., M.B.A., Ph.D.—Chairman of Department of Economics and Professor of Economics
B.B.A., Tulane University, 1949; M.B.A., Indiana University, 1950; Ph.D., University of Virginia, 1959.

J. TREADWELL DAVIS, B.S., M.A., Ph.D.—Professor of History
B.S., Memphis State, 1936; M.A., Vanderbilt University, 1938; Ph.D., 1949.

DOROTHY JUNE DAY, B.A., M.A.—Acting Assistant Professor of Psychology
B.A., Mississippi Womans College, 1930; M.A., Southern Methodist University, 1947; post-graduate study, Vanderbilt University, 1950-51.

ELOISE C. DENT, B.S., M.A.—Assistant Professor of Education and Assistant in the Reading Clinic
B.S., Mississippi Southern College, 1946; M.A., 1950; graduate study, University of Virginia, 1955-56.

ARTHUR DeROSIER, B.S., M.A., Ph.D.—Associate Professor of History
B.S., Mississippi Southern College, 1954; M.A., University of South Carolina, 1955; Ph.D., 1957.

DAVID A. DeVRIES, B.S., Ph.D.—Professor of Geology
B.S., Wheaton College, 1949; Ph.D., University of Wisconsin, 1955.

LOUIS V. DIXON, B.S., M.S., Ph.D.—Associate Professor of Economics
B.S., University of Connecticut, 1950; M.S., 1955; Ph.D., University of Florida, 1959.

WILLIAM A. DODSON, B.A., M.D.—Professor of Therapy
B.A., University of Alabama, 1930; M.D., University of Tennessee, 1933; Certificate in Public Health, University of Vanderbilt, 1937.

ANNIE LOUISE D'OLIVE, B.A., M.A.—Assistant Professor of Art
B.S., Mississippi Southern College, 1927; M.A., Teachers College, Columbia University, 1934; graduate study, Dixie Art Colony, 1941; study at Pennsylvania Academy of Fine Arts.

LOIS DRAIN, B.S., M.S.—Assistant Professor of Home Economics
B.S., Northeastern State College, 1941; M.S., Oklahoma A. & M. College, 1948.

HENRY B. EASTERLING, B.S., M.A., Ed.D.—Professor of Education
B.S., Mississippi Southern College, 1939; M.A., University of Alabama, 1947; Ed.D., Duke University, 1952.

WOODROW WILSON ELLIS, B.A., M.B.A.—Assistant Professor of Business Administration
B.A., University of Mississippi, 1939; M.B.A., University of Alabama, 1959.

LEON EUBANKS, B.S., M.S.—Assistant Professor of English
B.S., Mississippi Southern College, 1930; M.A., University of Mississippi, 1931; graduate study, George Peabody College.

SPURGEON EURE, B.S., O.D.—Assistant Professor of Education
B.S., Miississippi Southern College, 1948; O.D., Southern College of Optometry, 1954.

WILLIE EVELYN EWELL, B.S., M.A.—Assistant Professor of Business Education
B.S., Mississippi Southern College, 1928; M.A., Colorado State College of Education, 1932.

VIRGINIA ISABELLE FELDER, A.B., M.S., Ed.D.—Professor of Mathematics
A.B., Mississippi State College for Women, 1927; M.S., Tulane University, 1931; Ed.D., Teachers College, Columbia University, 1959; graduate study, Duke University, 1938; Louisiana State University, 1939; University of Chicago, 1942; Northwestern University, 1950.

ROBERT A. FERGUSON, B.S.—Part-time Instructor in Mathematics
B.S., University of Delaware, 1939.

CLAUDE EDWIN FIKE, A.B., A.M., Ph.D.—Professor of History
A.B., Duke University, 1941; A.M., Columbia University, 1947; Ph.D., University of Illinois, 1950.

MADELINE VIRGINIA FLYNT, A.B., M.A. in L.S.—Assistant Professor of Library Science
A.B., Mississippi Woman's College, 1930; Certificate in Library Science, University of Alabama, 1943; M.A. in L.S., George Peabody College, 1950.

BEN L. FORBES, B.S., M.B.A., C.P.A.—Chairman of Department of Accounting and Associate Professor of Accounting
B.S., Louisiana State University, 1951; M.B.A., 1952; C.P.A., State of Louisiana, 1956; pre-doctoral study, University of Illinois, 1952-55, 1958-59.

PORTER L. FORTUNE, A.B., M.A., Ph.D.—Dean of the College and Graduate School
A.B., University of North Carolina, 1941; M.A., Emory University, 1946; Ph.D., University of North Carolina, 1949.

[3]ANGELO FRASCARELLI, Mus.B., Mus.M.—Assistant Professor of Violin and Theory
Mus.B., Eastman School of Music, 1951; Mus.M., 1953; study, Eastman School of Music, summers 1958, 1959.

JOHN M. FRAZIER, B.S., M.A.—Chairman Department of Conservation and Natural Resources, Associate Professor of Conservation and Natural Resources, and Curator of Museum
B.S., George Peabody College, 1927; M.A., 1929; graduate study, University of Chicago, 1933; Leland Stanford University, 1950-51.

CARL R. FRIDLUND, B.Ed.—Assistant Professor of Therapy
B.Ed., Moorhead State College, 1937.

BERTHA M. FRITZSCHE, B.S., M.S., Ph.D.—Chairman of Division of Home Economics and Professor of Home Economics
B.S., Iowa State College, 1922; M.S., 1929; Ph.D., Ohio State University, 1950.

ROLAND LEE FRYE, JR., B.S., M.A.—Assistant Professor of Psychology
B.S., Mississippi Southern College, 1955; M.A., 1956; pre-doctoral study, Louisiana State University, 1956-59.

W. LEWIS GARVIN, B.A., M.A.—Instructor in English
B.A., Southern Methodist University, 1957; M.A., 1960.

MARY A. GAYLE, B.S., M.S.—Assistant Professor of Home Economics
B.S., Ball State Teachers College, 1958; M.S., Ohio State University, 1959.

A. DONALD GEORGE, A.B., M.A., Ph.D.—Associate Professor of Speech
A.B., Louisiana State University, 1937; M.A., 1951; Ph.D., 1955.

JEWEL GOLDEN, B.S., M.A., Ph.D.—Associate Professor of Home Economics
B.S., Auburn University, 1933; M.A., Columbia University Teachers College, 1941; Ph.D., Florida State University, 1958.

JOHN EDMOND GONZALES, B.S., M.A., Ph.D.—Professor of History
B.S., Louisiana State University, 1943; M.A., 1945; Ph.D., University of North Carolina, 1957.

ROY GORDON GOODRICH, B.S.—Instructor in Physics
B.S., Louisiana Polytechnic Institute, 1960.

[3]LENA Y. GOUGH, A.B., M.A.—Dean of Women
A.B., Alabama College, 1928; M.A., George Peabody College, 1938; pre-doctoral study, University of Alabama, 1960-61.

ROBERT O. GRANGE, B.A., M.A., Ph.D.—Associate Professor of Speech Correction
B.A., Idaho State College, 1949; M.A. Denver University, 1950; Ph.D., Indiana University, 1958.

WILLIAM RADER GRANTHAM, B.S., M.A.—Dean of Men and Instructor in Health and Physical Education
B.S., Mississippi Southern College, 1955; M.A., 1956.

BARBARA JO GRAY, B.A., M.A.—Assistant Professor of English
B.A., University of Texas, 1957; M.A., Tulane University, 1958; doctoral study, Tulane University, 1958-60.

REED GREEN, B.S.—Athletic Director
B.S., Mississippi Southern College, 1934.

JOSEPH A. GREENE, JR., A.B., M.A., Ph.D.—Dean of the School of Commerce and Business Administration and Professor of Economics
A.B., Berea College, 1941; M.A., University of Virginia, 1943; Ph.D., 1951.

GORDON GUNTER, A.B., M.A., Ph.D.—Professor of Biology
A.B., Louisiana State Normal College, 1929; M.A., University of Texas, 1931; Ph.D., 1945.

ERNEST B. GURMAN, B.S., M.A.—Assistant Professor of Psychology
B.S., Mississippi Southern College, 1957; M.A., Louisiana State University, 1959; doctoral study, 1959-60.

CLIFFORD HAGENSON, B.S.Ed., Ph.M.—Director of Housing and Assistant Professor of Education
B.S.Ed., University of Illinois, 1939; Ph.M., University of Wisconsin, 1946; graduate study, University of Illinois, 1949, 1950, 1951.

RECTOR R. HARDIN, B.A., M.A., Ph.D.—Chairman of Department of Business Administration and Professor of Business Administration
B.A., Berea College, 1929; M.A., Duke University, 1932; Ph.D., 1935; post-doctoral study, Harvard University, summers, 1936, 1940; C.L.U., The American College of Life Underwriters, 1959.

MARY STUART HARMON, B.S., Mus.M.—Assistant Professor of Piano
B.S., Mississippi Southern College, 1931; Mus.M., 1949; graduate study, Northwestern University, summer 1935; New Orleans Conservatory, 1937, 1938; Juilliard School of Music, summer 1953; Columbia University, summer 1953.

ANTONIO E. HARRISES, A.B., M.S., Ph.D.—Associate Professor of Biology
A.B., Saint Anselm's College, 1950; M.S., University of New Hampshire, 1952; Ph.D., University of Notre Dame, 1957.

GILBERT F. HARTWIG, Ph.B., M.A., Ph.D.—Chairman of Department of Speech and Professor of Speech
Ph.B., Marquette University, 1939; M.A., 1949; Ph.D., University of Wisconsin, 1953.

HELEN JOAN HARTWIG, B.S., M.A.—Instructor in English
B.S., Northwestern University, 1957; M.A., University of Florida, 1960.

MARY JANICE RILEY HASSON, B.A.—Circulation Librarian
B.A., Mississippi Southern College, 1958.

ROBERT D. HAYS, B.S., M.S.—Assistant Professor of Music and Acting Director of Bands
B.S., University of Oregon, 1947; M.S., 1949; graduate study, Teachers College, Columbia University, 1950.

FERN ROGERS HESSON, B.S., M.A.—Assistant Professor of Home Economics
B.S., Mississippi Southern College, 1936; M.A., 1955.

WALTER HINDS, B.S.Mus., B.S., M.S.—Assistant Professor of Voice
B.S.Mus., Capital University, 1946; B.S., M.S., with voice as major, Juilliard School of Music, 1948, 1949; pre-doctoral study, Indiana University, 1959.

EDITH HINTON, A.B., M.A.—Critic Teacher in the George Hurst School and Instructor in Education
A.B., Mississippi State College for Women, 1931; M.A., Teachers College, Columbia University, 1945.

JEAN KUBIK HOOKER, B.S., M.A.—Assistant Professor of Recreation
B.S., University of Colorado, 1950; M.A., Mississippi Southern College, 1953.

FRANCES RYAN HOUSTON, B.A., M.A.—Instructor in English
B.A., McNeese State College, 1958; M.A., Tulane University, 1960.

HAROLD DARROW HOWSE, B.S., M.S.—Instructor in Biology
B.S., Mississippi Southern College, 1959; M.A., 1960.

JOSEPH HUCK, Mus.B., M.M.—Associate Professor of Piano and Co-Chairman of Piano Department
Mus.B., American Conservatory, 1936; M.M., 1940.

O. K. HUDSON, B.S., M.A., Ph.D.—Chairman of Department of Physics and Astronomy and Professor of Physics and Astronomy
B.S., University of Texas, 1949; M.A., 1950; Ph.D., 1955.

WILLIAM JENNINGS HUFF, LL.B., B.S., M.A., Ph.D.—Associate Professor of Geology
LL.B., University of Mississippi, 1947; B.S., Mississippi State University, 1956; M.A., Rice Institute, 1957; Ph.D., 1960.

[3]GEORGE G. HURST, B.S., M.A.—Assistant Professor of Chemistry
B.S., Mississippi Southern College, 1939; M.S., Tulane University, 1953.

GEORGE IMBRAGULIO, B.M., M.M.—Assistant Professor of Piano and Co-Chairman of Piano Department
B.M., Michigan State University, 1948; M.M., 1949; summer study, Aspen, Colorado; private piano study, St. Cecilia Conservatory, Rome, Italy, 1957-58.

HOWARD O. JACKSON, B.S., M.A., C.P.A.—Associate Professor of Accounting
B.S., Mississippi Southern College, 1949; M.A., 1955; graduate study, University of Alabama, summers, 1956, 1957; C.P.A., 1960.

WILLERY JACKSON, A.B., M.A.—Assistant Professor of History
A.B., Mississippi State College for Women, 1921; M.A., Columbia University, 1927; graduate study, 1931-33.

FRANCES ROBERTA JELLINEK, B.S., M.A.—Assistant Professor of Health, and Physical Education and Director of the Dixie Darlings
B.S., Brooklyn College, 1956; M.A., Mississippi Southern College, 1957; pre-doctoral study, Teachers College, Columbia University, summers 1958, 1959.

M. C. JOHNSON, B.S., M.A.—Assistant Professor of Health and Physical Education and Director of Swimming Pool
B.S., Mississippi Southern College, 1941; M.S., Louisiana State University, 1948.

ROGER B. JOHNSON, B.S., M.S.—Administrative Assistant
B.S., Mississippi State College, 1938; M.A., 1949.

SARAH S. JOHNSON, A.B., M.A.—Assistant Professor of Foreign Languages
A.B., University of South Carolina, 1927; M.A., 1928; study at Institute de Touraine, Tours, France, 1929; Escuela Normal Superior, Bogota, Columbia, 1950; Purdue University, 1952; Sorbonne, University of Paris, 1955.

SELVEY JEAN JOHNSON, A.B., M.A.—Instructor in Speech
A.B., Mississippi Southern College, 1959; M.A., 1960.

HILARY MALDWYN JONES, B.A., M.A.—Instructor in English
B.A., Mississippi Southern College, 1958; M.A., 1960.

BRYCE D. JORDAN, B.A., M.P.A.—Associate Professor of Business Administration
B.S., Mississippi State College, 1950; M.P.A., Harvard University, 1954; pre-doctoral study, University of Alabama, 1960.

WARREN A. JOSEPH, B.S., M.S., Ph.D.—Professor of Music Education and Director of Choral Activities
B.S., State University Teacher's College, 1946; M.S., 1951; Ph.D., Boston University, 1959; advanced graduate study at Columbia University and Harvard University.

WILLIAM B. KAROLYI, B.S., M.A.—Instructor in Mathematics
B.S., Mississippi Southern College, 1955; M.A., 1957; graduate study, University of Alabama, 1958-59.

JEANNE KECK, Mus.B., Mus. M.—Assistant Professor of Piano and Theory
Mus.B., Grinnell College, 1939; Mus.M., American Conservatory of Music, 1941; post-graduate piano study.

ARTHELL KELLEY, B.S., M.A., Ph.D.—Chairman of Department of Geography and Professor of Geography
B.S., Mississippi Southern College, 1940; M.A., University of Missouri, 1948; Ph.D., University of Nebraska, 1954.

JAMES W. KELLEY, B.B.A., M.B.A., C.P.A.—Associate Professor of Accounting
B.B.A., Baylor University, 1949; M.B.A., Indiana University, 1951.

SHERIFF L. KNIGHT, B.A., M.A., Ed.D.—Director of Audio-Visual Education and Associate Professor of Education
A.B., Southwestern, 1938; M.A., Mississippi Southern College, 1950; Ed.D., Indiana University, 1952.

MAXIE T. LAMBRIGHT, B.S.—Assistant Football Coach
B.S., Mississippi Southern College, 1949.

L. B. LAMM, B.A., M.D.—Assistant Professor of Therapy
B.A., Duke University, 1943; M.D., Bowman-Gray Medical School, Wake Forest College, 1946.

NORVIN L. LANDSKOV, A.B., M.A., Ph.D.—Chairman of Department of Secondary Education and Professor of Secondary Education
A.B., St. Olaf College, 1926; M.A., University of Minnesota, 1934, Ph.D., 1946.

CHARLES E. LANE, JR., B.S., Ph.D.—Chairman of Department of Chemistry and Professor of Chemistry
B.S., University of Chicago, 1926; Ph.D., 1933.

MARILYN LANE, B.A., M.A.—Instructor in English
B.A., Mississippi Southern College, 1958; M.A., 1959.

PEARL REYNOLDS LEECH, A.B., M.A.—Critic Teacher in George Hurst School and Instructor in Education
A.B., Univesity of Mississippi, 1938; M.A., Georgge Peabody College, 1945; summer study, University of Chicago, 1948, 1952, 1954.

JOHN M. LEONARD—Assistant Professor of Therapy
New York University, 1921, Columbia University, 1924.

EILEEN R. LEWIS, B.S.—Instructor in Health and Physical Education
B.S., Eastern Kentucky State College, 1946.

FRED B. LEWIS, JR., B.S., M.A.—Head Basketball Coach and Assistant Professor of Health and Physical Education
B.S., Eastern Kentucky State College, 1946; M.A., New York University, 1952; pre-doctoral study, New York University.

VIRGINIA MANGUM LEWIS, B.S.—Instructor in Mathematics
B.S., Mississippi Southern College, 1956.

RICHARD H. LOGAN, III, B.S.—Instructor in Journalism
B.S., University of Denver, 1948; graduate study, University of Kansas City.

WALTER J. LOK, B.Des., M.Des.—Chairman of Art Department and Associate Professor of Art
B.Des., University of Michigan, 1943; M.Des., 1947; summer study, Mexico City College.

KATHERINE EIDE LONGYEAR, Mus. B., Mus.M.—Part-time Assistant Professor of Music
Mus B., Oberlin College, 1936; Mus.M., 1940; graduate study, Eastman School of Music, 1954-55.

REY MORGAN LONGYEAR, A.B., M.A., Ph.D.—Assistant Professor of Percussion and Music Literature
A.B., Los Angeles State College, 1951; M.A., University of North Carolina, 1954; Ph.D., Cornell University, 1957; study at Tanglewood, 1956.

AUBREY KEITH LUCAS, B.S., M.A.—Director of Admissions and Assistant Professor of Education
B.S., Mississippi Southern College, 1955; M.A., 1956.

RAYMOND M. LYNCH, B.S., M.M.—Assistant Professor of Music and Music Literature
B.S., Davidson, 1953; M.M., University of Michigan, 1957.

MARY LOUISE McADAMS, B.S., M.A. in L.S.—Cataloger in Library
B.S., Middle Tennessee State College, 1951; M.A. in L. S., Peabody College, 1960.

KENNETH GRAHAM McCARTY, JR., B.S., M.A.—Instructor in History
B.S., Mississippi Southern College, 1956; M.A., 1958; doctoral study, Duke University, 1958-60.

HELEN JANET McDONALD, Mus.B., M.M.—Associate Professor of Violin and Piano
Mus.B., Chicago Musical College, 1932; M.M., 1949; graduate student, University of Michigan, 1944; Chicago Musical College, 1946.

VIRGINIA McELHANEY, B.S., M.Ed.—Critic Teacher in the George Hurst School and Instructor in Education
B.S., Mississippi Southern College, 1956; M.Ed., 1960.

VINCENT T. McKENNA, B.A., M.A., M.P.A.—Associate Professor of Economics
B.A., College of the City of New York, 1939; M.A., Columbia University, 1944; M.P.A., Harvard University, 1945; graduate study, University of Texas, 1954.

CARL L. McQUAGGE, B.S., M.A., Ed.D.—Registrar and Professor of School Administration
B.S., Mississippi Southern College, 1932; M.A., University of Mississippi, 1947; Ed.D., University of Texas, 1954.

JAMES M. McQUISTON, JR., B.S.—Assistant Professor of Economics
B.S., Mississippi Southern College, 1956; graduate study, University of Virginia, 1958-59.

MARY JO MAGEE, A.B., B.S., in L.S.—Assistant Librarian
A.B., Louisiana Polytechnic Institute, 1943; B.S. in L. S., George Peabody College, 1946.

RAYMOND MANNONI, B.S., B.M., M.M.Ed., M.Ed.D. — Acting Chairman Division of Fine Arts and Professor of Music
B.S., Kansas State College, 1944; B.M., University of Michigian, 1947; M.M.Ed., Northwestern University, 1949; M.Ed.D., Chicago Musical College, 1955; study, U.S. Navy School of Music, 1941; University of Chicago, 1950; Kansas University, 1946.

FRANK EARL MARSH, JR., Mus.B., M.A. — Professor of Music and Piano
Mus.B., New England Conservatory of Music, 1916; M.A., Syracuse University, 1926.

JOHN ALBERT MAYNE, B.A., M.A. — Assistant Professor of English
B.A., Pennsylvania State University, 1948; M.A., 1951; pre-doctoral study, 1951-59.

RICHARD MENDENHALL, B.S., M.Ed. — Assistant Professor in Extension and Coordinator of Biloxi Extension Center
B.S., Livingston State College, 1956; M.Ed., Mississippi Southern College, 1958.

VERNON E. MERRIFIELD, B.F.A. — Instructor in Art
B.F.A., University of Alabama, 1957; graduate study, 1957.

RICHARD W. MEYER, Captain U.S.A., B.A. — Associate Professor of Military Science and Tactics
B.A., Lake Forest College, 1949.

J. LLOYD MILAM, A.B., M.A., Ed.D. — Chairman of Department of Health, Physical Education, and Recreation, and Professor of Health and Physical Education
A.B., Louisiana Institute of Technology, 1936; M.A., Columbia University, 1941; Ed.D., 1950.

LEO R. MILLER, B.S.Ed., M.S.Ed., Ed.D. — Chairman of Department of Elementary Education and Professor of Elementary Education
B.S.Ed., Missouri Teachers College, 1935; M.S.Ed., University of Kansas, 1938; Ed.D., Pennsylvania State College, 1945.

WINFRED HARMON MONCRIEF, B.S. — Part-time Instructor in Journalism
B.S., Mississippi Southern College, 1953.

LAMAR MOODY, B.A.E., M.Ed., Ed.S., Ed.D. — Associate Professor of School Administration
B.A.E., University of Florida, 1950; M.Ed., 1952; Ed.S., 1958; Ed.D., 1960.

[2]WILLIAM JOSEPH MOODY, B.S., M.M., Assistant Professor of Music Education and Director of Concert Band
B.S., University of Minnesota at Duluth, 1952; M.M., Butler University, 1953; graduate study, University of Minnesota at Minneapolis, 1954.

[3]CHARLES W. MOORMAN, A.B., M.A., Ph.D. — Chairman of Department of English and Literature and Professor of English
A.B., Kenyon College, 1949; M.A., Tulane University, 1951; Ph.D., 1953.

PAUL C. MORGAN, A.B., M.S., Ed.D. — Director of Continuing Education and Professor of Education
A.B., Louisiana State University, 1931; M.S., Alabama Polytechnic Institute, 1937; Ed.D., George Peabody College, 1956.

JACK D. MUNN, B.S., M.A. — Assistant Professor of Mathematics
B.S., Mississippi Southern College, 1949; M.A., University of Alabama, 1950; Oklahoma A. & M., summer, 1955.

SHIRLEY MURPHY, B.S., M.S. — Reference Librarian
B.S., Mississippi Southern College, 1952; M.S., Louisiana State University, 1960.

RAY S. MUSGRAVE, A.B., M.A., Ph.D. — Chairman of Department of Psychology and Professor of Psychology
A.B., Bethany College, 1933; M.A., Ohio Wesleyan College, 1935; Ph.D., Syracuse University, 1937; post-doctoral, University of Cincinnati, 1946; Columbia University, 1950-51.

JOHN F. NAU, B.D., M.A., Ph.D.—Chairman of Department of Religion and Philosophy, Professor of Religion and Philosophy, Director of Christian Federation, and College Chaplain
B.D., Concordia Seminary, 1936; M.A., Tulane University, 1948; Ph.D., University of South Carolina, 1954.

JAMES A. NEWCOME, B.S., B.A., M.D.—Professor of Therapy
B.S., B.A., West Virginia University, 1923; M.D., Medical College of Virginia, 1925.

CARL RAY NEWSOM, B.S., M.S., Ph.D.—Associate Professor of Chemistry
B.S., Millsaps College, 1938; M.S., University of Alabama, 1941; Ph.D., George Peabody College, 1953.

GEORGE W. NICHOLSON, B. S., M.A., LL.B., Ph.D.—Professor of Mathematics
B.S., The Citadel, 1919; M.A., LL.B., University of South Carolina, 1922; Ph.D., University of North Carolina, 1933.

ELLEN MARIE OLSON, B.S., M.A.—Critic Teacher in George Hurst School and Instructor in Education
B.S., Mississippi Southern College, 1942; M.A., 1950; pre-doctoral study.

LINWOOD E. ORANGE, B.A., M.A., Ph.D.—Acting Chairman Department of English and Literature and Professor of English and Literature
B.A., Duke University, 1947; M.A., 1948; Ph.D., 1955.

FANNIE OWINGS, B.S., M.S.—Assistant Professor of Home Economics
B.S., Mississippi Southern College, 1928; M.S., University of Tennessee, 1935; graduate study, University of Kentucky, summer 1949; Michigan State University, summer 1959.

RALPH S. OWINGS, A.B., M.A., Ed.D.—Dean of School of Education and Psychology and Professor of School Administration
A.B., Wofford College, 1924; M.A., 1935; M.A., Teachers College, Columbia University, 1940; Ed.D., 1949.

ROBERT A. PARRISH, B.S.—Assistant Professor of Therapy
B.S., University of Alabama, 1943.

JOSEPH C. PATE, Captain, U.S.A., A.B.—Associate Professor of Military Science and Tactics
A.B., Wofford College, 1951.

ROBERT W. PETERS, B.A., M.A., Ph.D.—Director of Speech and Hearing Clinic and Professor of Speech
B.A., University of Minnesota, 1948; M.A., Ohio State University, 1950; Ph.D., 1953.

HOWARD P. PETTY, Captain, U.S.A., B.S.—Associate Professor of Military Science and Tactics
B.S., University of Alabama, 1952.

FELIX A. PONZIANI—Assistant Professor of Violin, Viola and Chamber Music
Graduate of Milan Conservatory, Milan, Italy, 1949.

GOMER POUND, Mus.B., M.Mus.Ed.—Assistant Professor of Clarinet and Music Education
B.Mus., Michigan State University, 1950; M.Mus.Ed., Florida State University, 1954; graduate study, Florida State University, 1957-58.

[2]THOMAS S. PRATT, B.Ed.—Assistant Football Coach
B.Ed., University of Miami, 1956.

WILLIAM PRESSER, A.B., Mus.M., Ph.D.—Chairman of Theory Department, Associate Professor of Theory and, Director of College Orchestra
A.B., Alma College, 1938; Mus.M., University of Michigan, 1940; Ph.D., University of Rochester, 1947.

MORTON H. RABIN, B.A., M.A.—Assistant Professor of Psychology
B.A., New York University, 1948; M.A., Columbia University, Teachers College, 1951; pre-doctoral study.

FRANCES RECK, B.S., M.A.—Assistant Professor of Business Education
B.S., Kansas State Teachers College, 1929; M.A., State University of Iowa, 1935; graduate study, New York University, Indiana University, and Gregg College.

REGINALD C. REINDORP, A.B., M.A., Ph.D.—Director of Institute of Latin American Studies and Professor of Foreign Languages
A.B., University of New Mexico, 1931; M.A., 1933; Ph.D., University of Texas, 1949.

HERBERT A. RICHARDSON, B.A., M.D.—Assistant Professor of Therapy
B.A., Queens University, 1920; M.D., 1923.

ANNA M. ROBERTS, A.B., M.A., B.S. in L.S.—Librarian and Professor of Library Science
A.B., Vanderbilt University, 1920; M.A., 1922; B.S., in L. S., University of Illinois, 1933; graduate study, University of Chicago Graduate Library School, 1938.

[3]SAMUEL W. ROSSO, A.B., M.A.—Assistant Professor of Biology
A.B., Mississippi Southern College, 1950; M.S., Louisiana State University, 1952; graduate study, 1957; University of Michigan, summer, 1958.

ROBERT P. ROUBOS, Mus.B., Mus.M.—Assistant Professor of Organ and Church Music
Mus.B., Michigan State University, 1957; Mus.M., Michigan State University, 1958.

ROBERT PAUL RUSSUM, B.S., M.S.—Assistant Professor of Mathematics
B.S., Mississippi Southern College, 1958; M.S., Louisiana State University, 1960.

GILBERT T. SAETRE, B.S., M.A., in Mus. Ed.—Associate Professor of Brass and Music Education
B.S., New York University, 1930; M.A., in Mus.Ed., 1940; graduate study in higher education; study at Juilliard School of Music, summer 1945.

WILLIAM M. SANDERS, B.S.Ed., M.A.—Associate Professor of Mathematics
B.S.Ed., Arkansas State Teachers College, 1949; M.A., University of Arkansas, 1952; pre-doctoral work, University of Illinois, 1955, 1956, 1957, 1958.

WILLIAM T. SHARPE, B.S., M.A.—Assistant Professor of Mathematics
B.S., Mississippi Southern College, 1950; M.A., University of Mississippi, 1956; post-graduate study, Auburn University.

ELEANOR L. SHIELS, B.A.—Part-time Instructor in George Hurst School
B.A., University of Alabama, 1945.

JAY SANFORD SHIVERS, B.S., M.A., Ph.D.—Chairman Department of Recreation and Associate Professor of Recreation
B.S., Indiana University, 1952; M.A., New York University, 1953; Ph.D., University of Wisconsin, 1958.

WALTER E. SIMONSON, B.S., M.A., Ph.D.—Associate Professor of Speech and Director of Forensics
B.S., University of Minnesota, 1954; M.A., 1956; Ph.D., 1958.

BILLY BORDEN SLAY, B.S., M.S.—Instructor in Health and Physical Education
B.S., Mississippi Southern College, 1957; M.S., 1958.

[3]GASTON SMITH, B.S., M.A.—Assistant Professor of Mathematics
B.S., Mississippi Southern College, 1949; M.A. in Ed., University of Alabama, 1955; M.A., 1957; pre-doctoral study, summers, 1957, 1958.

LILLIAN J. SMITH, B.S.—Assistant Circulation Librarian
B.S., Mississippi Southern College, 1960.

MAUDE VIRGINIA SMITH, A.B., M.A.—Senior Reference Librarian
A.B., Mississippi State College for Women, 1931; M.A., George Peabody College, 1951.

ELIZABETH SORBET, B.A., M.A , Ph.D.—Associate Professor of Marketing
B.A., Louisiana State Normal, 1941; M.A., George Peabody College, 1943; Ph.D., Louisiana State University, 1958.

DONALD SOUTH, B.S., M.A.—Assistant Professor of Sociology
B.S., Mississippi Southern College, 1956; M.A., Louisiana State University, 1958; pre-doctoral study, 1958-59.

KATYE O. SOWELL, B.A., M.S.—Instructor in Mathematics
B.A., Flora McDonald College, 1956; M.A., University of South Carolina, 1958.

RALPH C. STAIGER, A.B., M.A., Ed.D.—Director of Reading Clinic and Professor of Psychology
A.B., Columbia University, 1939;; M.A., Teachers College, Columbia University, 1942; Ed.D., Temple University, 1952.

JACK MILTON STARLING, B.S., B.A., M.B.A.—Assistant Professor of Marketing
B.S., B.A., University of Arkansas, 1952, 1956; M.B.A., University of Florida, 1959; pre-doctoral study, summer 1959.

[3]W. F. ST. CLAIR, B.S., M.A.—Assistant Professor of Physics and Astronomy
B.S., University of Florida, 1938; M.A., University of Alabama, 1940; graduate study, summer 1949, 1950-51, 1952-53.

MARTIN STEGENGA, B.S., M.S., Ph.D.—Chairman of Department of Business Education and Professor of Business Administration
B.S., Mississippi State College, 1937; M.S., 1939; Ph.D., Indiana University, 1959.

PAUL G. STEPHENSON, B.S.—Instructor in History and Government
B.S., University of Tennessee, 1959; graduate study, 1959-60.

LEONARD STOCKER, A.B., M.A.—Chairman of Department of Voice and Assistant Professor of Voice
A.B., University of Michigan, 1933; M.A., Teachers College, Columbia University, 1950.

WILBER WHITE STOUT, A.B., M.A., Ph.D. Professor of English and Literature
A.B., University of North Carolina, 1921; M.A., 1922; Ph.D., 1926.

BUFORD BENNETT STRANGE, B.A., M.A.—Instructor in Speech
B.A., Louisiana College, 1958; M.A., Mississippi Southern College, 1960.

THOMAS MICHAEL STRITCH, B.A., M.A., Ph.D.—Professor of Psychology
B.A., Emory University, 1950; M.A., 1951; Ph.D., 1954.

JAMES R. SWITZER, B.S., M.S., Ed.D.—Dean of Student Affairs and Professor of Health and Physical Education
B.S., Mississippi Southern College, 1941; M.S., Louisiana State University, 1947; Ed.D., University of Texas, 1952.

C. J. TAYLOR, B.S.—Assistant Football Coach and Track Coach
B.S., Mississippi Southern College, 1947.

SHELBY F. THAMES, B.S.—Part-time Instructor in Chemistry
B.S., Mississippi Southern College, 1959.

[4]JACK THOMAS, B.B.A., M.Ed.—Assistant Football Coach
B.B.A., University of Tulsa, 1947; M.Ed., Trinity University, 1954.

ORVILLE THOMAS, B.S., M.A.—Assistant Professor of Industrial Arts
B.S., Mississippi Southern College, 1937; M.A., University of Alabama, 1949.

AMELIA THOMPSON, B.S., M.S.—Assistant Professor of Home Economics
B.S., Judson College, 1916; M.S., University of Tennessee, 1938.

JAMES A. TOWNLEY, B.S., M.A.—Assistant Professor of Health and Physical Education
B.S., Mississippi Southern College, 1952; M.A., 1953; graduate study, Louisiana State University, summer, 1958, 1959.

SAMMY J. TRAMEL, B.S., M.S.—Assistant Professor of Mathematics
B.S., Mississippi State University, 1957; M.S., Louisiana State University, 1960.

ROBERT M. TRESER, B.S., M.F.A.—Assistant Professor of Speech and Director of Theatre
B.S., Lehigh University, 1945; M.F.A., University of Oklahoma, 1953; Yale Drama School, 1949-50.

B. O. VAN HOOK, A.B., M.A.—Chairman of Department of Mathematics and Professor of Mathematics
A.B., Millsaps College, 1918; M.A., Vanderbilt University, 1922; graduate study, Duke University, 1934-36.

THAD VANN, B.S.—Head Football Coach
B.S., University of Mississippi, 1929.

ELIZABETH VARDAMAN, A.B., M.A., M.A., in L.S.—Periodicals Librarian
A.B., University of Mississippi, 1925; M.A., 1933; M.A. in L.S., George Peabody College, 1952.

J. FRED WALKER, A.B., M.A., Ph.D.—Chairman of Department of Biology and Professor of Biology
A.B., University of Mississippi, 1927; M.S., 1931; Ph.D., University of Iowa, 1935; Graduate Fellow, University of Miami Laboratory, summer, 1957.

JESSIE S. WALL, A.B., A.M., Ed.D.—Associate Professor of Elementary Education
A.B., Fairmont State College, 1929; A.M., West Texas State Teachers, 1933; Ed.D., Florida State University, 1959.

BENJAMIN Q. WARD, III, B.A., M.A., Ph.D.—Professor of Biology
B.A., University of Texas, 1945; M.A., 1947; Ph.D., 1958.

CARRIE LEE WARREN, B.S., M.Ed.—Chairman of Physical Education for Women and Assistant Professor of Health and Physical Education
B.S., Louisiana State University, 1947; M.Ed., University of Texas, 1955; graduate study, University of North Carolina, 1956-57.

JOHN W. WATKINS, B.S.—Instructor in Physics
B.S., Mississippi Southern College, 1959.

SIDNEY E. L. WEATHERFORD, JR., B.S., M.A., Ed.D.—Assistant Dean of the Basic College, Director of Student Counseling and Associate Professor of Guidance
B.S., Mississippi Southern College, 1951; M.A., 1953; Ed.D., University of Florida, 1960.

ALLIE M. WEBB, A.B., M.A.—Assistant Professor of English
A.B., Mississippi State College for Women, 1922; M.A., Teachers College, Columbia University, 1928; graduate study, University of North Carolina, 1936, 1938, 1940; Breadloaf School of English, summer, 1957.

MARTIN PAUL WEHLING, B.A., M.B.A.—Assistant Professor of Business Administration
B.A., University of Alabama, 1956; M.B.A., University of Mississippi, 1957; graduate study, summer, 1957; University of Alabama, 1959-60.

WILLIAM J. WEIERSHEUSER, A.B., M.A., Ph.D.—Associate Professor of German
A.B., Wayne State Teachers College, 1930; M.A., University of Nebraska, 1936; Ph.D., University of Iowa, 1955.

PAUL F. WEISEND, B.A., LL.B.—Assistant Professor of Business Administration
B.A., Duquesne University, 1949; LL.B., St. Mary University, 1955.

JOHN ELLINGTON WHITE, B.A., M.A.—Assistant Professor of English
B.A., Kenyon College, 1950; graduate study, State University of Iowa, 1952-53; M.A., Johns Hopkins University, 1954.

RALPH LEE WHITE, B.S., M.A., Ed.D.—Associate Professor of Education
B.S., University of Tennessee, 1954; M.A., George Peabody College, 1956; Ed.D., University of Tennessee, 1960.

IVAH O. WILBER, B.S., M.A.—Associate Dean of Women
B.S., Eastern Michigan University, 1921; M.A., University of Mississippi, 1945.

LEON A. WILBER, A.B., M.A., Ph.D.—Chairman of Department of History and Government and Professor of History and Government
A.B., University of Michigan, 1927; M.A., 1929; Ph.D., 1939; post-doctoral, University of Chicago, summer 1948; University of Southern California, summer, 1955.

ANNETTE BEDFORD WILDER, A.B., M.A., in L.S.....Reference Librarian
A.B., Mississippi Woman's College, 1929; M.A. in L. S. George Peabody College, 1948.

ROBERT A. WOODMANSEE, B.S., M.S., Ph.D.....Professor of Biology
B.S., University of Miami, 1948; M.S., 1949; Ph.D., Western Reserve University, 1952.

GLENN H. WOODS, JR., Captain, U.S.A., B.S.....Associate Professor of Military Science
B.S., University of Vermont, 1951.

WALTER H. YARROW, B.S., M.A.....Assistant Professor of Health and Physical Education
B.S., Mississippi Southern College, 1951; M.A., 1952; graduate study, Rutgers University, 1954; New York University, 1957.

[1]Fall Quarter only.

[2]Appointed during 1960-61 academic year.

[3]Leave-of-absence, 1960-61.

[4]Resigned during 1960-61 academic year.

GRADUATE FELLOWS

1960-61

ALBERT W. ANGSTADT ..... Band
ELIZABETH M. ANTLEY ..... School Administration
WAYNE L. BABIN ..... Health and Physical Education
GEORGE RICHARD BAHR ..... Business Administration
JOE D. BOUTWELL ..... Speech
RALPH A. BRAND ..... Guidance
HILDA LYNELL BRISTER ..... Home Economics
THEODORE BURAKOFF ..... English
JAMES SAMUEL CARPENTER ..... Biology
BOBBY JOE CARROLL ..... Biology
DANNY R. CARTER ..... Mathematics
JACHIN Y. CHAN ..... English
JOHN J. CISTRIANO ..... Health and Physical Education
MORRIS JOSEPH COWAN, JR. ..... Chemistry
BOB H. CROSBY ..... Health and Physical Education
ROBERT S. DOHERTY ..... Economics
ALBERT B. DUCK, JR. ..... Business Education
MARY ELEANOR ELLIS ..... English
REGINALD FARRIS ..... Speech
SUE FROST ..... English
DONALD O. GATES ..... Counseling
BILLY FRANK GERALD ..... School Administration
VIRGINIA S. GLENN ..... Chemistry
DONALD GOODWIN ..... Health and Physical Education
MARGARET G. GORDON ..... Home Economics
E. JEAN HUDSON ..... English
RUSSELL B. IVES ..... Physics
THOMAS GERALD JACKSON ..... Chemistry
EUGENE M. KEEBLER ..... School Administration
SUE KEITH ..... Business Education
SAMUEL LEWIS ..... History

RUDY LIVERITTE ..... English
JAMES EDWARD LOTT ..... Speech
BILLY RAY LOVETT ..... Speech
HERBERT E. LUCY ..... Counseling
JOSEF E. McCLESKEY ..... Chemistry
EDWARD P. McKEE ..... History
JOSEPH O. MANUEL, JR. ..... Biology
WILLIAM M. MOOTE ..... English
MARY VIRGINIA MORRISON ..... English
MORRIS OSBURN ..... Health and Physical Education
CASSIE B. RASBERRY ..... Business Education
JEROME VINCENT REEL, JR. ..... History
MARIA-DELIA G. ROMERO ..... Foreign Languages
FRIEDA ANN SAWYER ..... Health and Physical Education
GEORGE SEKUL ..... Health and Physical Education
BETTY SHAW ..... Music
NORA MAE SILLS ..... Music
CURTIS REID SMITH ..... Speech
PAUL HESELTINE SMITH ..... Economics
THOMAS HUNTER SMITH, III ..... Biology
EUGENE STASSI, JR. ..... Speech
LEMUEL H. STRINGER, JR. ..... Business Administration
MICHAEL D. SULLIVAN ..... History
NANCY EZELLE SULLIVAN ..... History
WILBER SUPPLE ..... Health and Physical Education
JANET CORNELL TERRESON ..... English
ROSE T. WADE ..... Reading Clinic
THOMAS GARY WALLER ..... Psychology
OSCAR N. WALLEY, JR. ..... Psychology
WILLIAM A. WARD ..... History
WINFRED WELFORD ..... Speech
JOE D. WHITE ..... Biology
LEO FELDER ZIMMERMAN ..... Mathematics

STAFF MEMBERS

JOSEPH SAMUEL ANZALONE, B.S. — Admissions Counselor
ALMA ARMSTRONG — Relief Hostess
WALTER CONN, B.S., M.S. — Director of Student Aid and Scholarships
BETTY COOLEY — Cashier in Business Office
EMMIE LOU DEAR — Hostess, College Union
RUBY EVANS — Hostess, Weathersby Hall
LOUIE FARMER, JR., Th.M., M.R.E., B.A. — B. S. U. Director
JESSE GORE — Manager, College Bookstore
BILLY L. GREEN — Supervisor of Machine Services
ERNEST LAWRENCE HARRINGTON, B.S., M.Ed. — Athletic Trainer, Track Coach
MARGARET HARTFIELD, B.S. — Secretary, Dean of the College and Graduate School
W. J. HUDDLESTON, M.D. — Director of Student Health Services
ANNIE BELL JONES, R.N. — Supervisor, Student Health Services
CULLIE KILPATRICK — Hostess, Hickman Hall
ALMA LADNER, B.S., M.A. — Assistant Director of Correspondence
AGNES MAGEE — Hostess, Bolton Hall
MAURICE LINWOOD MALONE, B.S. — Purchasing Agent
CHARLES MARTIN, B.A., M.A. — Supervisor, George Hurst School
JESSIE MORRISON, B.S. — Executive Secretary to President
DONALD H. MYERS — Assistant Director of Public Relations
DENSON NAPIER, B.S., B.D. — Director of Wesley Foundation
PERCY NOBLES, B.S., M.S. — Director of Safety
DONNA NYDEGGER — Chairman, Student Welfare Institute of Latin American Studies
OLIVE L. ODOM — Hostess, Jones Hall
RICHARD A. PARK, B.S., S.T.B. — Director of Canterbury Club
MARY D. PARKER — Coordinator of Veterans Affairs
JOHN MELVIN PHILLIPS, B.S., M.A. — Field Representative
ESTELLE SANDERSON — Hostess, Mississippi Hall
HELEN SIEMSON — Assistant in Office of Dean of Women
KENNETH E. SMITH, B.B.A. — Chief Accountant
PAULINE R. STOUT, B.A., M.A. — Assistant Director of Student Housing
VIRGINIA C. SUMRALL, B.S., M.A. — Assistant in Office of Dean of Women
HARRY M. THOMAS, B.S., M.A. — Supervisor of Buildings Maintenance
ANNETTE WEEMS — Recorder and Office Manager, Registrar's Office
LINDLEY WILLIAMS, B.S. — Director of College Cafeteria
RHODA WILLIAMS — Director of Campus Post Office
PAULINE WILSON — Hostess, Hattiesburg Hall
EVELYN E. WILTSHIRE — Hostess, College Union

GENERAL INFORMATION

HISTORICAL

A great educational awakening in the South became apparent near the beginning of the twentieth century. By 1905 the citizens of Mississippi were demanding better educational facilities for their children. The obvious need for better educated teachers for all the public schools of Mississippi and the organized efforts of the State Teachers Association culminated during the legislative session of 1910 in an enabling act establishing the Mississippi Normal College. Since its opening in the fall of 1912, this institution has existed under three names. In 1924 the name was changed to State Teachers College. In 1940 it became Mississippi Southern College.

This victory of progressive and democratic leadership inspired the first Board of Trustees to make broad and far reaching plans for the new institution. The generosity of Forrest County and Hattiesburg in offering $260,000 in cash, 840 acres of land, and other valuable considerations for the privilege of having the college located in Hattiesburg made it possible for the newly elected president, Joseph Anderson Cook, who had been serving as superintendent of the public schools of Columbus, Mississippi, and the board to begin the construction of buildings. Before the opening in the fall of 1912, five brick buildings (all still being used) were completed: the president's home, College Hall, two dormitories—Hattiesburg Hall for women and Forrest County Hall for men, and an industrial cottage for girls (now a dormitory for women). Frame buildings, since replaced, were constructed to house the dining hall and kitchen, power house, and barn.

As the college has grown in numbers, it has also expanded its physical facilities. Between 1912 and the outbreak of World War II, the college added to its physical plant another dormitory for women (Mississippi Hall), another classroom building, a demonstration school, an administration building, an auditorium, a dining hall, a home economics building, a library, and a stadium dormitory, the last two completed in 1939. This was the physical plant that was taxed to the limit when World War II veterans entered the college in 1946. Construction since World War II totaling more than $8,536,949.10 has been completed. An ambitious program of future physical expansion for the college is in the planning stage.

The progress of Mississippi Southern College cannot be measured in terms of the expansion of physical plant alone. A student body of 230 eager young men and women and a faculty of 18 were present on the day of the opening exercises, September 18, 1912. However, for the fall quarter of 1960, there were 4,362 students and a faculty of 217. Except for the years of World Wars I and II, the Korean War, and the depression of the Thirties, the school has experienced an upward growth in numbers. The total number of different individuals for the academic year and the summer has surpassed 3500 for every year since 1947.

The first course of study, prescribed by legislative enactment, consisted of a certificate course and a diploma course. The rapid development of high schools called for a higher course of study at Mississippi Normal College, and in 1922 the legislature authorized the college to grant degrees. By 1929 the college, its name having been changed in 1924 to State Teachers College, had dropped the diploma and certificate course. In 1929 the college was admitted to the American Association of Teachers Colleges and accredited by the Southern Association of Colleges and Secondary Schools. During the Thirties new courses were added and existing courses were expanded and improved. By World War II the college offered, in addition to its elementary and secondary education degree programs,

the Bachelor of Music degree, the Bachelor of Arts degree, premedical, prelegal, and prepharmacy programs, and was certified for vocational home economics training. In late 1939, the Hattiesburg Chamber of Commerce adopted as its project the changing of the name from State Teachers College to Mississippi Southern College. In the legislative session of 1940 this purpose was achieved, and the institution became in name what it had partially already become in fact; a multiple-purpose institution In 1947, the Board of Trustees of Institutions of Higher Learning in Mississippi authorized the college to give one year of graduate work leading to the degree Master of Arts in education. The work of the graduate school has been expanded over the past decade. At present, Mississippi Southern College offers the doctorate in the field of education and a master's degree in many of the subject matter fields.

The expansion of the academic offerings of the college necessitated the re-evaluation of the administrative system of the college. This had remained virtually unchanged since 1912. The new system, with the college organized into three schools and two divisions and subdivided into departments, and the addition of new ones, the employment of new faculty members with superior training, and the general development of academic standards, have all played a part in making Mississippi Southern College the modern institution it is today. Throughout its history Mississippi Southern College has made a continuous contribution to the development of the public schools of the state. The graduates of today are continuing to enrich the school systems of the state and nation, and many of them are now going into the non-academic world and making a vital contribution to society in all areas of endeavor. An increasing number of graduates are entering the graduate and professional schools of the outstanding universities in the nation.

The men most responsible for the growth of the college have been those individuals entrusted by the Board of Trustees with the administration of the institution as president. Mississippi Southern College has had six presidents:

Joseph Anderson Cook, A.B., 1912-1928

Claude Bennett, A.B., A.M., 1928-1933

Jennings Bryan George, B.S., 1933-1945

Robert Cecil Cook, B.S., M.A., Ed.D., 1945-1955

Richard Aubrey McLemore, A.B., M.A., Ph.D., Acting President, January 1 to September 1, 1955

William David McCain, B.S., M.A., Ph.D., 1955-

PURPOSES OF THE COLLEGE

Mississippi Southern College was founded for the purpose of serving the people of Mississippi. Although this service has been mainly in the area of teacher education, the college offers outstanding courses in liberal arts, pre-professional fields, fine arts, and many practical fields of knowledge. The faculty, library, laboratories, classrooms, special clinics, and student welfare services are equal to those in other colleges and universities in the United States.

Although the college is primarily concerned with resident teaching, it reaches, through various extension centers, workshops, and the correspondence courses, citizens in all parts of Mississippi and in various other parts of the world. It is estimated that during the 1953-54 session more than 7,200 different individuals were served by the college, both on the campus and off the campus.

The college is proud of the friendly relationship between students and faculty members, and an effort is made to work with students as individuals in their educational, social, and religious development.

The purposes of the college as developed by the administration and the faculty are as follows:

1. To have a highly trained faculty, an imaginative, sympathetic, and understanding administration, an efficient and cooperative staff, a wise and progressive Board of Trustees, loyal and active alumni, adequate equipment, and high academic standards.
2. To educate in the acquiring of knowledge, skills, disciplines, moral and ethical values and humanistic ideals and in the attaining of a dignified, honest, and alert citizenship.
3. To base education on a sound and thorough understanding of the traditional and liberal areas of human knowledge.
4. To provide, together with counseling and guidance, a well-rounded program of activities for the purposes of developing in each student a well-balanced personality.
5. To provide areas of development in professional and vocational education in accordance with facilities of the college.
6. To develop in students the highest types of social graces.
7. To give each student an understanding of the nature and the fundamental problems of the physical world in which he lives and the moral and intellectual knowledge that will enable him to adjust himself to, or change, the environment in which he lives.

THE CAMPUS

Mississippi Southern College is located in Hattiesburg, near the center of South Mississippi. Excellent air, rail, and bus transportation services and a splendid highway system make it easily accessible to all parts of the state. The City of Hattiesburg provides excellent religious, social, recreational and shopping facilities for the college student. Busses run from the heart of the city to the campus every fifteen minutes.

The college campus consists of 840 acres, all of which lie within the city limits of Hattiesburg. Included on the main campus are the principal buildings of the college and the playing fields. The campus buildings are conveniently located, and the grounds are beautifully landscaped. In addition to the permanent buildings listed below, there is a temporary building used for instructional purposes.

The Administration Building is a beautiful structure located at the center of the campus. It houses the office of the president, dean of the College and Graduate School, dean of School of Arts and Sciences, financial secretary, registrar, director of admission, director of public relations, placement bureau, and machine record services.

The Auditorium has a seating capacity of 1536 and stage facilities for dramatic productions.

College Hall is a three-story fireproof building containing recitation rooms and offices.

Southern Hall is a three-story fireproof building containing classrooms for the School of Commerce and Business Administration and the Department of Mathematics. It also houses in the basement the college bookstore and post office.

Science Building is a truly modern fireproof structure especially designed for the use of the sciences. There are no inside corridors, and outside entrances

to all rooms are from covered walkways. This building is completely air conditioned. The building was occupied in the spring of 1959.

The Joe Cook Memorial Library Building is a new, modern, two-story building completely fireproof and designed for up-to-date library operation. It will accommodate 200,000 volumes, open stack arrangement, and provide seating space for 700 students. The second floor contains classrooms and laboratories for Library Science instruction. This building is air conditioned throughout, and was occupied in the spring of 1960.

The Health and Physical Education Building is a modern, two-story brick building especially planned for departmental offices, classrooms, and women's physical education activities.

The Sports Arena is a modern brick-veneered building with 20,000 square feet of floor space. Folding bleachers make the total floor space usable. The building is used for major sports activities and for physical education classes.

The Field House is a new, modern brick building containing athletic department offices, dressing rooms for varsity sports and visiting teams, and facilities for class instruction in varsity sports.

The Industrial Arts Building, a two-story brick structure, is used by the Industrial Arts and Military Science Departments.

The Student Services Center Building is a two-story air-conditioned brick building which is utilized for administrative offices of the registrar, director of admissions, dean of student affairs, dean of men, dean of women, director of student counseling, safety department, director of student aid and scholarships, placement bureau, director of housing, director of continuing education, and machine record services.

The Grace Bennett House and the **Kate Hubbard House** are frame dwellings used as home management houses by the Division of Home Economics for the purpose of guiding senior home economics majors in experiences involved in effective participation in the responsibilities and activities of the home.

The Home Economics Building is a two-story structure which houses the nursery school, classrooms, and laboratories of the Division of Home Economics.

The Frank E. Marsh Building houses the Fine Arts Division. It was completed in 1955. This facility provides air conditioned, soundproof studies, practice rooms, and a concert hall.

R. C. Cook College Union Building was completed in 1956. It is a beautiful air conditioned building with facilities for students, alumni, and religious groups on the campus.

The Danforth Meditation Chapel was completed in 1957 and provides a place for noonday prayer services, meditation, and other religious functions.

West Hall is a reconditioned temporary structure providing facilities for drama, Speech and Hearing Clinic, modern languages, and eight classrooms for academic work.

The George Hurst School is a modern building of fourteen rooms and a library. It affords facilities for observation, participation, and student teaching in six grades of public school work.

George Hurst School Gymnasium is a brick structure, with an ample playing floor and facilities for an audience of 700 people at games and exhibitions. It contains offices, storage rooms, lockers, showers, dressing rooms, and a lecture room.

Hattiesburg Hall and **Mississippi Hall** are dormitories for women. They are

three-story fireproof buildings of modern construction. They contain comfortable bedrooms and reception halls, with well-appointed bathrooms on each floor.

Alma Hickman Hall, a women's dormitory joining Hattiesburg and Mississippi Halls, was completed in 1951. Its attractive bedrooms, with facilities for 104 students, are modern in every detail.

Willa Bolton Hall, a women's dormitory opened in 1954, is of modern, fireproof construction, attractively decorated and furnished.

Jones Hall is a new, modern, six-story brick fireproof women's dormitory with 101 rooms. This dormitory is attractively designed and was occupied for the first time in the fall of 1959. The lobby and hostess apartments are air conditioned, and the building is electrically wired to accept individual air-conditioning units in each room.

Honor House — This building, formerly the Faculty Women's Club, has been renovated for use as a women's dormitory. It has 16 rooms and a spacious lounge.

Scott Hall, a new, modern, four-story brick fireproof dormitory, was occupied for the first time in the fall of 1959. This dormitory has 225 rooms. The lobby and hostess apartment are air conditioned, and the building is wired to accept individual air-conditioning units in each room.

Forrest County Hall is a three-story fireproof men's dormitory constructed on modern lines. It accommodates 124 students.

Weathersby Hall is a brick fireproof building constructed on modern lines, housing 120 students. It is used as a dormitory for men.

East Stadium Dormitory is a dormitory for men. It is a fireproof building constructed on modern lines, housing 140 men.

West Stadium Dormitory is a dormitory for men. It is a fireproof building constructed on modern lines, housing 96 men.

McCleskey Hall is a brick two-story men's dormitory constructed on modern lines, housing 54 students.

Pinehaven Apartments are located on the western edge of the campus. They consist of 13 two-story brick fireproof buildings having 136 one-bed-room apartments, 88 two-bedroom apartments, and 16 three-bedroom apartments. In addition, there is a central utility room housing automatic clothes washing and drying equipment. All apartments are especially wired for installation of air-conditioning units.

McMillin Hall is a brick two-story men's dormitory constructed on modern lines, housing 81 students.

The Panhellenic House is a two-story frame building, housing sorority rooms upstairs, and sorority rooms, hostess apartment, general kitchen and spacious lobby downstairs.

The Clinic is a new two-story brick structure completely air-conditioned, for taking care of students with minor ailments. Registered nurses are on duty at all times and a staff physician is available for consultation and call. This building will be occupied in the fall of 1961.

The Cafeteria was constructed in 1928. It has a capacity of 1,000. In 1952 the State Building Commission provided funds for completely re-decorating and re-equipping the building. In 1956 the cafeteria was air-conditioned. The cafeteria has all modern conveniences for reducing labor to a minimum, for storing and preserving foods, and for serving well-planned, attractive meals.

There are two dining rooms, where groups assemble for luncheon and dinner meetings.

The Institute of Latin-American Studies Building is a beautiful one-story building housing the Institute of Latin-American Studies. It includes all of the latest laboratory equipment for teaching English as a foreign language. It is completely air-conditioned.

The Powerhouse was erected in 1934. It houses the central heating plant and workshops for the college engineers.

The Swimming Pool, 45 feet wide and 105 feet long, with showers and locker room adjoining, and lighted for night use, is of modern design with machinery for filtering and purifying the water every eight hours.

The Memorial Station, at the campus entrance, is a small, beautiful structure given by students, faculty, officers, and friends of the college, and erected in honor of the students, officers, and faculty members who participated actively in World War I.

Mississippi Southern College Stadium is the college football stadium and track. Permanent seating is available for 16,000 sports fans.

The College Golf Course is an 18-hole facility completed in the spring of 1960. The course completely surrounds a beautiful 25-acre recreational lake.

Under construction and due to be occupied in the fall of 1962 are the following buildings: air-conditioned cafeteria for campus-wide service, air-conditioned men's dormitory housing 460 men, and air-conditioned women's dormitory housing 212 women.

STUDENT LIFE AND ACTIVITIES

LIVING ACCOMMODATIONS

Students not living in their homes should arrange to live on the campus. Reservations may be made by sending $8.00 to the Director of Housing. Students who wish to room together should make their reservations at the same time. Room reservations are accepted subject to the approval of application for admission to the college. Students already living in the dormitory rooms will be given until May 1 to make reservations. After that date, rooms are reserved in the order in which applications are received. ROOM DEPOSIT WILL BE REFUNDED IF RESERVATION IS CANCELED TEN DAYS PRIOR TO THE OPENING OF THE QUARTER FOR WHICH THE RESERVATION IS MADE.

Rooms are equipped with the following furniture: single beds with comfortable innerspring mattresses, a dresser, a chest of drawers, chairs, and study tables. Students must furnish all linens, bed coverings, pillows, and curtains. Dormitories are equipped with an air-ventilation system.

Lodging in the fraternity houses is available to fraternity members. Arrangements are made directly with the presidents of the fraternities. The fraternity presidents will furnish the Director of Housing with official lists of students living in their houses each quarter.

Pine Haven Apartments, consisting of 240 one, two, and three-bedroom, partially furnished units, are available on the campus for faculty and married students. A $10.00 deposit is required at the time of application and is refundable if the request is canceled thirty (30) days prior to the date for which the application was made.

Women students may be given permission to live off-campus when there is

no space available in the dormitories. A letter of parental permission must be on file with the Dean of Women.

Assistance in securing off-campus housing may be obtained through the Housing Office. Behavior of students permitted to live off-campus must be such that they are acceptable citizens of the community.

The dormitory lobbies which serve as social and recreational centers are supplemented by the R. C. Cook College Union Building. This building contains a lounge, a gameroom, a ballroom, a television lounge, a snack bar, offices for religious organizations and student government, and meeting rooms for other organizations, as well as five bedrooms, which are rented at a nominal fee to parents and other visitors to the campus. Students use the facilities of the College Union Building for games, music, enjoyment, social and religious activities, and other cultural and recreational purposes.

The Panhellenic House, the fraternity houses, the gymnasium, and the women's gymnasium also are available for social and recreational activities. Two private dining rooms adjoining the cafeteria may be used by clubs and organizations for banquets, dinners, and teas.

The college cafeteria serves well-planned, attractive meals at moderate prices. Special diets may be arranged at a small extra charge.

HEALTH SERVICES

The health record of the college is an enviable one. The health education program, which aims at teaching each person how to assume responsibility for safeguarding his health, is supplemented by the health services which the college offers.

A medical examination blank is given the student at the time he applies for admission to the college. The student should have the medical examination done by his family physician and should return the completed medical examination form to the college along with his application for admission. It is urged that any defects noted in the examination be corrected prior to the beginning of the session in which the student will enroll. The college reserves the right to require a medical examination of any student at any time. No student's admission is complete without a medical examination.

The college clinic is a well-equipped infirmary in which the ordinary illnesses occuring during the college year, but not during the vacation or recess periods, are cared for by the college physicians and nurses. Students with more serious illnesses or injuries, or those in need of immediate surgery, are referred to the regular hospitals in Hattiesburg. Such serious illnesses, injuries, and operations, together with hospital and medical care in private hospitals, cannot be the responsibility of the college.

A small charge is made when penicillin and antibiotic drugs as necessary prescriptions are given to the students. The college physicians have regular office hours for free consultation with students. A nurse is on duty twenty-four hours a day at the clinic.

AUTOMOBILES ON CAMPUS

Students and employees of the college are required to register automobiles which are operated on the campus with the Department of Safety. Temporary permits are issued when the automobile is to be on the campus less than seven days. Parking zones have been established along with other regulations. A pamphlet, which outlines Traffic and Parking Regulations, may be secured from the Department of Safety. Fines are assessed for violation of regulations and persistent violators are denied the privilege of operating an automobile on campus.

SCHOLARSHIPS AND LOANS

A number of scholarships are offered to outstanding students for study at Mississippi Southern College. Most of the funds for these scholarships are provided by The Mississippi Southern Foundation, which receives contributions from students, alumni, business firms, and other sources. Educational loans are also available. Limited funds are available for loans on a short term basis. Long term loans are available to a large number of worthy students. The college participates in the National Defense Student Loan Program and cooperates with a number of philanthropic educational foundations. Practically all of the scholarships are awarded during the month of July. Tests and interviews are used in the selection program. Interested students should make application before July 1. Information and application instructions may be secured from the Director of Student Aid and Scholarships.

Scholarships are offered by the college to talented students in piano, voice, stringed instruments, and band. Awards are based on auditions conducted by the Division of Fine Arts.

Out-of-state scholarships are granted to a limited number of students whose residence is outside the State of Mississippi. These awards are based upon academic achievements, leadership, and evidences of good citizenship. Information and application instructions may be secured from the Director of Student Aid and Scholarships.

EMPLOYMENT OPPORTUNITIES

A number of students are employed by the college in secretarial and clerical work and as laboratory assistants, library assistants, and assistants to the dormitory hostesses. The purpose of this employment is primarily to assist the student in earning a small part of his school expenses. Inquiries concerning these work assignments should be addressed to the Director of Student Aid and Scholarships. The college also maintains a service to assist students in finding part-time employment in and near Hattiesburg. Students should remember, however, that their first business is to benefit by their college programs. Usually a student who spends several hours a day earning money must reduce his study load. Students should not expect to be able to earn a considerable part of their expenses and at the same time carry a full academic load. No student should plan a program that allows fewer than thirty hours a week for study.

STUDENT GOVERNMENT

The constitution of the Student Government Association at Mississippi Southern College states that the functions of the organization are "to insure a continuous exchange of ideas and opinions between the students and the administration, to secure valuable training and experience in democratic self-government, to assume the fullest powers and responsibilities of self-government consistent with the constitution and laws of the State of Mississippi and the policies of the president of this institution, to promote the general student welfare, and to protect the herein enumerated rights of students."

There are three branches of student government: the legislative, the executive and the judicial. The executive officers and the members of the legislative branch, the Student Senate, are elected by direct vote of the students. The justices of the Student Court are appointed by the President of Student Government subject to approval by the Student Senate.

Many functions of student government are carried out by standing committees, chief of which are the Committee on Social Life, the Elections Committee, and the Executive Committee.

The Committee on Social Life has been active and successful in over-all

supervision of social affairs on the campus and in direct management of affairs which concern the whole student body, such as after-game dances, the annual Beauty Ball, and the bringing of big-name bands to the campus.

The local government unit in each dormitory is called the Dormitory Council. Councils are coordinated by the Men's Affairs Board and Women's Affairs Board. These units regulate all matters relating to dormitory life.

STUDENT PUBLICATIONS

The Student Printz is the college newspaper. THE PRINTZ is published weekly by a staff of students under the direction of faculty advisers. It provides a medium through which the students may express themselves and serves as an agency for disseminating news among the students and alumni. THE SOUTHERNER is a yearly publication. It is published by a student staff under the direction of a faculty adviser.

RELIGIOUS LIFE

Mississippi Southern College is a state school and is entirely nonsectarian. Religious life is encouraged, and every effort is made to cooperate with local churches. The Christian Federation unifies the activities of all religious groups on the campus. Its executive council is composed of two elected representatives of the student body, who serve as chairman and vice chairman, five appointed officers, and a representative from each active religious organization. The Christian Federation seeks to provide channels for worship and religious development. It sponsors the all campus Religious Emphasis Week, a Thanksgiving service, an Easter Sunrise Service, and an annual Christmas Tree Lighting.

The Wesley Foundation, the Baptist Student Union, the Westminister Fellowship, the Newman Club, the Canterbury Club, the Martin Luther Fellowship, the Christian Church Student Group, the Nazarene Student Group, and the Church of Christ Student Group are the organized and active student denominational groups.

The Danforth Chapel is a place of prayer and meditation for all. Nondenominational vespers are held every Monday and Thursday evening.

ORGANIZATIONS

General Honor Societies — There are five general honor societies on the campus. A general honor society is an association that receives into membership individuals who have achieved high scholarship and who fulfill such additional requirements of distinction in some broad field of education and culture or in general leadership as the society has established. Pi Kappa Pi is a national honorary society composed of men and women who have made grades of A on seventy per cent of their work while earning ninety consecutive quarter hours of credit. Membership in Pi Kappa Pi is the highest recognition for scholarship accorded at the college. Omicron Delta Kappa is a national honorary leadership society for college men. Membership in Omicron Delta Kappa is the highest recognition accorded men students of the college. Phi Eta Sigma is a national society which aims to encourage and reward high scholastic attainment among freshman men. Phi Delta Rho is a local honorary leadership society for college women. Membership in Phi Delta Rho is the highest recognition accorded women students of the college. Alpha Lambda Delta is a national society which aims to encourage and reward high scholastic attainment among freshman women.

Academic Honor Societies — Other national honorary or professional organizations having chapters on the campus include Alpha Epsilon Alpha (accounting), Alpha Epsilon Delta (pre-medical), Alpha Psi Omega (dramatics), American Chemical Society Student Affiliate, Beta Beta Beta (biology), Delta Sigma Pi

(business), Home Economics Club, Iota Lambda Sigma (industrial education), Kappa Kappa Psi (band), Kappa Mu Epsilon (mathematics), Kappa Omicron Phi (home economics), Lambda Iota Tau (literature), Mu Phi Epsilon (music), Phi Delta Kappa (education), Phi Mu Alpha Sinfonia (music), Pi Gamma Mu (social studies), Pi Kappa Delta (forensics), Pi Kappa Lambda (music), Pi Omega Pi (business education), Pi Sigma Epsilon (marketing), Sigma Alpha Eta (speech), Tau Beta Sigma, (band).

Other Honorary and Academic Organizations — Other organizations among the students include Circle K Club, College Civitan Club, Fencing Club, 4-H Club, Geology Club, German Club, Graduate Economics Club, Independent Voters League, "M" Club, Pan American Students Association, Physics Club, Recreation Club, Retailing and Merchandising Club, Scabbard and Blade Society, Student National Education Association, Women's Physical Education Club, Writer's Group, and Yellowjackets.

THE CHORAL UNION, an organization composed of students from the entire college, meets once each week for the purpose of performing the great choral works. Anyone who likes to sing is welcomed.

THE CONCERT CHOIR is a small, select chorus whose purpose is to perform a large repertoire of the finest available literature for chorus, both sacred and secular. Numerous concerts and tours are among the reasons that usually keep a waiting list of applicants for membership. Auditions are held during the first week of each quarter.

A men's chorus, THE MISSISSIPPIANS, and a women's chorus, THE SOUTHERN SINGERS, are both active choral groups on the Mississippi Southern College campus. Their purpose is chiefly recreational, even though they present many fine programs during each academic year.

The Mississippi Southern College bands have an outstanding record of service to the college and the state.

THE MARCHING BAND is open to any regularly enrolled student. Its purpose is to provide color and atmosphere to athletic and community events, and to promote and enhance the dignity and reputation of the college.

THE CONCERT BAND is made up of selected students. It furnishes opportunity for students who desire to play the best in instrumental literature to become more proficient. The Concert Band plays several formal concerts during the year.

THE REPERTOIRE BAND is an all campus organization that provides any interested student the opportunity to perform and to become acquainted with an abundance of band literature. It also serves as a laboratory band for student composers and conductors.

THE WIND AND PERCUSSION ENSEMBLE retains the basic instrumentation of a symphonic band, although in almost every instance only one player per part is used. While the purpose of the ensemble is to play the most exacting literature for the medium, rehearsal time is kept to a minimum. The personnel is selected from those students interested in playing in the ensemble.

THE MISSISSIPPI SOUTHERN COLLEGE SYMPHONY, open to all students, usually gives four or five different concerts a year and assists with opera and oratorio.

Scholarships are available to talented students. Auditions, held in the spring, may be arranged through the Chairman, Division of Fine Arts.

There are two military bands on the Mississippi College campus — the R.O.T.C. BAND and the 313th ARMY RESERVE BAND. Both organizations are made up of college students. These organizations provide opportunity for those interested to receive extra financial assistance from government funds.

Social Fraternities — Seven social fraternities hold membership in the Interfraternity Council of the college. They are Acacia, Alpha Tau Omega, Kappa Alpha, Kappa Sigma, Pi Kappa Alpha, Phi Kappa Tau, and Sigma Phi Epsilon. Each fraternity has a house on the campus.

Social Sororities — Eight social sororities hold membership in the Panhellenic Council of the college. They are Alpha Sigma Alpha, Chi Omega, Delta Delta Delta, Delta Zeta, Kappa Delta, Phi Mu, Pi Beta Phi, and Sigma Sigma Sigma. The Panhellenic Council has supervision of the Panhellenic House, which is used for social purposes and sorority meetings.

BEST CITIZENS AWARDS

At the beginning of each academic year the president appoints a secret committee from the faculty for the purpose of selecting near the end of the academic year two students who, through superior character, leadership, and scholarship, have made the greatest contribution to the life of the college during the year. One man and one woman are selected. Upon recommendation of this committee, the students so selected receive the Best Citizens Awards as a public recognition of services.

Since the institution of the Best Citizens Awards in 1936, the following students have received such recognition: 1936—Miss Mary Evelyn Blanks and Mr. Shelby Rogers; 1937—Miss Katie Ruth Field and Mr. Doris W. Rivers; 1938—Miss Lida Frances Gilliam and Mr. Thomas Carruth; 1939—Miss Virginia Cole and Mr. Buell Evans; 1940—Miss Ruth Martin and Mr. F. J. Dickey; 1941—Miss Hazeline Wood and Mr. Gerald Adams; 1942—Miss Dulcie Davidge and Mr. Leonard Lowery; 1943—Miss Evelyn Hocutt and Mr. Moran Pope; 1944—Miss Wilda Mae Mason; 1945—Miss Doris Fredendoll; 1946—Miss Colleen Gilmore; 1947—Miss Bessie Jean Carraway and Mr. Leonard G. Anderson; 1948—Mrs. Opal Anderson and Mr. Daniel W. Dabbs; 1949—Miss Annie Ruth Ervin and Mr. William F. Dukes; 1950—Miss Katharine Runnels and Mr. Edwin Schmeling; 1951—Miss Tommie Pope and Mr. Woodie Cook; 1952—Miss Dorothy Ann Stuart and Mr. James Price; 1953—Miss Evelyn La Noel Montgomery and Mr. J. Cliff Thomas; 1954—Miss Martha Traylor and Mr. Don Kruger; 1955—Miss Laura Ann Wilber and Mr. Aubrey Lucas; 1956—Miss Patricia Culpepper and Mr. Jack B. Weldy; 1957—Mrs. Carolyn Smallwood and Mr. Frank Carlton; 1958—Miss Kay Crenshaw and Mr. Knox Broom, Jr.; 1959—Miss Annette Tisdale and Mr. Jerry Blakeney; 1960—Miss Donna Matthews and Mr. Thomas Purvis.

ATHLETICS

Mississippi Southern College is a member of the National Collegiate Athletic Association and the Southern Intercollegiate Athletic Association, and also has applied for membership in the Southeastern Conference.

Intercollegiate sports are football, basketball, baseball, track, tennis, and golf.

Seasonal intramural sports under the supervision of personnel from the Department of Health, Physical Education, and Recreation, give every student an opportunity to take part in competition. Among the sports included on the program are tennis, golf, water sports, touch football, basketball, softball, table tennis, badminton, volleyball, horseshoes, handball, track, and swimming.

The college golf course, tennis courts, swimming pool, playgrounds, and gymnasium facilities are available to the students for recreation.

MISSISSIPPI SOUTHERN COLLEGE ALUMNI ASSOCIATION

The Alumni Association has been in existence since the fifth year of the college. During the early years its chief function was related to placement service. Beginning with the session of 1945-46, the organization experienced a rebirth. Recognizing the fact that a working alumni association is vital to the development of the college, the Executive Committee began the organization of alumni groups in the various counties of the state. On July 1, 1953, a full-time executive secretary was employed.

The Association publishes the **Alumni News** magazine six times a year. Active Members of the Association receive all issues while two small editions are mailed to all persons on record in the Alumni Office. Graduates and former students are urged to become active members of the organization and help support the program of activities that are designed to assist Southern in Her growth and development.

The Alumni Association sponsored the drive to raise the funds necessary for the construction of the R. C. Cook College Union Building. These funds were secured from alumni, faculty, students, friends, and the people of Forrest County.

Two meetings of the general association are held each fiscal year, the first at the annual homecoming in the fall and the second at the Mississippi Education Association convention in Jackson.

At the 1954 Homecoming meeting, the association voted to designate March 30 as Mississippi Southern College Day. Former students of the college are urged to get together on this date when two or more reside in the same area. Organized chapters elect officers at this meeting. March 30 was selected from the important dates in the history of school because it was on this day in 1910 that the Mississippi Legislature enacted legislation establishing the college.

The officers of the association include: Perrin Purvis '38, president; Ralph C. McDaniel '53, president-elect; Mrs. B. B. Bradley, Jr., '55, vice president; Powell G. Ogletree '48, executive-secretary.

THE MISSISSIPPI SOUTHERN FOUNDATION

The Mississippi Southern Foundation is a Mississippi corporation whose sole purpose is to receive and manage gifts, contributions and donations to Mississippi Southern College for educational purposes. It provides a centralized receptacle for receiving gifts of any nature to the college, handling these in a manner prescribed by the donor or in accordance with good business judgement, and making the gifts work for the growth and development of Southern. The Foundation is managed by a Board of Directors composed of former students and friends of the college.

The Foundation Charter was so drawn that assistance could be given to any area of development at Southern so long as it is used for educational purposes. Some of the long range plans include: sponsoring research, sponsoring faculty chairs, supplementing faculty salaries, aiding the library, providing special equipment, making possible achievement awards for faculty and students, providing fellowships and scholarships, and contributing to the building of the physical plant.

During the early years of The Foundation emphasis will be placed on securing scholarship funds. This is considered to be one of the greatest needs at the present time. The Foundation solicits the funds, but the awards are made by the college scholarship committee.

Scholarships that have been established to date include: Southern Maid, Yellowjacket, Ross Barnett, (Movie Star Corporation), Crown Zellerbach Corporation, Sam Woods, Winn-Dixie Stores Foundation, Bedsole Foundation, A. F. McGehee Memorial, Robert E. Mathis Memorial, Mississippi Association for Retarded Children, 1956 Class Heritage, 1957 Class Heritage, Forrest County Alumni Chapter, Edward G. Schmidt, Visco Products Company, Inc., and the 1958, 1959, and 1960 Class Endowment Funds. Further inquiries and application blanks should be addressed to the College Scholarship Committee.

Dr. William D. McCain, College President, is Chairman of the Board of Directors of The Foundation; Moran M. Pope, Jr. '44, Hattiesburg Attorney, is President; and Powell G. Ogletree '48 is Secretary-Treasurer. Further inquiries or contributions may be sent to The Mississippi Southern Foundation, Box 13, Station A, Hattiesburg.

PLACEMENT BUREAU

Mississippi Southern College has a year-round placement service for the benefit of its graduates. The College maintains cordial relations with business, government and school employers. Every effort is made to assist them in finding college-trained personnel and in helping graduates find positions of their choice.

In order to receive full benefit of the services of the Placement Bureau and of the employment recruiting program, graduating seniors should register with the Bureau in September prior to date of graduation.

LIBRARY

The Joe Cook Memorial Library Building is a new, modern, two-story building completely fireproof and designed for up-to-date library operation. It will accommodate 200,000 volumes, open stack arrangement, and provide seating space for 700 students. The second floor contains classrooms and laboratory for Library Science instruction. This building is air conditioned throughout, and was occupied in the fall of 1960.

The library is open from Monday through Friday from 7:45 A.M. to 10:00 P.M., Saturday from 8:00 A.M. to 6:00 P.M., and Sunday 6:00 P.M. to 9:00 P.M.

THE SAM WOODS COLLECTION

The Sam Woods Collection, a gift of the late Sam E. Woods, alumnus of Mississippi Southern College and retired consul general of Switzerland, is comprised of paintings, large Flemish tapestries, antique furniture, and rare books. In the collection are 230 paintings, including the Holy Family by Amigoni from the Stennis Collection, a Murillo copy of the Holy Family from the Prado Gallery, and many Rembrandt and Durere etchings and woodcuts, as well as oils and water colors by contemporary German artists. They have been hung in the president's home, the library, and other main buildings throughout the campus. This collection of paintings is probably the largest in the state. Much of the furniture is of the Renaissance period.

The very valuable collection of more than 1100 early printed and fine press books includes several rare Bibles which have hand-carved bindings and which are illustrated by Durer and other artists. The collection also includes several atlases of the sixteenth and seventheenth centuries. Of special interest are approximately fifty beautifully illuminated pages from incunabula, as well as globes made before 1800 and maps of America and other countries made before 1700. This collection is housed in the Sam Woods Room in the library.

LYCEUM ATTRACTIONS

The college arranges an attractive annual series of concerts and programs which enrich the cultural life of the college community and South Mississippi. In recent years, some of the most outstanding artists in the country have performed on the stages of Mississippi Southern College. In addition, an attractive series of programs is scheduled each year displaying the talents of students and faculty.

The Hattiesburg Concert Association arranges an annual series of concerts and attractions by celebrated artists, dancers, and actors, which are held in the college auditorium. General tuition fees cover student admission to these Hattiesburg Concert Association events.

COLLEGE THEATRE

Dramatic productions by the Southern Players, sponsored by the Department of Speech Arts, afford opportunity for all interested students to participate in the several phases of theatre activity: acting, design, stagecraft, and direction. At least one dramatic production is scheduled each quarter, and an experimental theatre is held each winter quarter with a series of one-act plays presented. In addition, one play for children is produced each year and is taken on tour. This program provides not only training for participating students but a well-rounded theatre program for the college audience. Tryouts are open to all students of the college. Participation is particularly recommended for all students who plan to engage in dramatic activity in high school or elementary schools.

The following plays are some which have been produced during the past few years: "Oedipus the King," "The School for Scandal," "Born Yesterday," "A Sleep of Prisoners," "The Curious Savage," "Antigone," "The Country Girl," "My Three Angels," "Brigadoon," "Dracula," "Guys and Dolls," "Julius Caesar," and "Oklahoma," "Yes, Is For A Very Young Man," "The Lady's Not For Burning," and "The Cry of The Jay."

FORENSICS

The forensics program sponsored by the Department of Speech Arts includes training in debate and discussion, youth congress activities, and individual speech events such as oratory, radio speaking, interpretative readings, and after-dinner and extemporaneous speaking. Statewide and regional tournaments in each of these areas are entered each year. These trips give students experience in meeting college groups in Alabama, Mississippi, Louisiana, Georgia, Tennessee, Florida, Kentucky, Illinois, and Arkansas.

The major forensics tournament held on this campus is the Gulf States Speech Festival. This is usually held in the winter quarter.

Students in any department may participate in the forensics program.

RADIO

Mississippi Southern College has a campus carrier wave radio station, WMSU, which operates five days a week. The station is student-operated under supervision and is designed to give students opportunities to study and practice radio announcing, writing, production techniques, and station operation procedures.

COLLEGE READING CENTER

In order to provide opportunities for reading improvement to the college students, the College Reading Center was established in 1953 as an adjunct of the Reading Clinic.

Testing, counseling, and instruction are provided in several areas of reading: increasing speed of comprehension, developing vocabulary, and improving study skills and habits.

There is no charge for this service for college students.

STUDENTS' EXPENSES (COST)

A primary objective of the college is to hold to a minimum the expense of its students. Changes in fees are made whenever possible, to benefit the students. Increases are made only when required for support of the institution or improvement of the activity program of the students.

BUSINESS REGULATIONS

Announcements concerning expenses and furnishings are subject to change without notice and may not be regarded as binding obligations of the college. In time of changing conditions this stipulation is necessary.

Expenses are in the form of incidental fees, room, board and special fees.

INCIDENTAL FEE. This fee is used for general support of the college and consists of charges for matriculation, library, athletic activities, health service, student union, college newspaper, laboratory, concert series, maintenance, etc.

ROOM AND BOARD. These fees are assessed for all students living in college-controlled housing. The board fee is assessed for all students living in fraternity houses, and in certain cases fraternity room fees are assessed by the college. All students rooming in dormitories or fraternity houses are required to take their meals in the college cafeteria.

A room deposit of $8.00 is payable in advance for the reservation of a room in the dormitories. This amount is held as a breakage deposit until a student withdraws from the dormitory.

A student accepting a room in the dormitory will be financially obligated to pay for one quarter of the dormitory fee. A refund of the dormitory fee will be made only because of official withdrawal from the college.

No reduction in room and board expenses is made for absence of less than two continuous weeks, and then only when the absence is necessary and is reported to the business office in advance. No reduction of room or board is made on account of late entrance.

OTHER FEE INFORMATION. Fees of all students are due and payable at time of registration; however, fees of full-time students (12 hours or more) may be paid one-half upon entrance and the balance no later than the beginning of the second half of the quarter.

Clinical and hospital services covered by the health service charge included in the incidental fee are limited to cases of ordinary illness. Services are provided within the limits of the professional, technical and physical resources of the clinic. The college does not assume responsibility in cases of extended illnesses or for treatment of chronic diseases. Cases requiring surgery must be handled by a physician and hospital of the student's choice.

Students enrolled for more than 18 quarter hours will be assessed an additional $6.00 per quarter hour in excess of 18.

Students who are permitted to register for correspondence courses in residence will be charged a fee of $5.00 per quarter hour.

A fee of $1.00 is assessed each quarter for operation of the Student Union. This fee is added to the incidental fee assessment of part-time students.

Courses requiring special fees and music fees are shown in the Special Fee listing (Table II).

A $6.00 fee for the Southerner (college annual) is payable by all full-time students on entrance the fall quarter.

REFUND POLICY. A student who officially withdraws after enrollment may obtain a refund in accordance with the following:

a. A full refund of incidental and special fees paid will be made to a student who withdraws within three days after the date of registration excluding Sunday.

b. A full-time student withdrawing for any reason prior to midterm of any quarter will be refunded fifty (50) per cent of the incidental and special fees.

c. A full-time student withdrawing after midterm of any quarter will not be entitled to a refund of fees.

d. Special and part-time students will not be entitled to a refund of fees after three days from the date of registration.

e. Evening College students will not be entitled to a refund of fees unless withdrawal is made prior to the second meeting of the class.

f. No adjustment of incidental fee will be made when courses are dropped after three days from date of registration.

g. Room and board fees are refunded on the basis of weeks remaining in the quarter.

TABLE I

EXPENSES EACH QUARTER

Full-Time Student[1]

Fixed Fees	
Incidental fee	$ 67.00
Room rent	46.66
Board	75.00
Other Fees When Applicable	
Non-resident fee	$ 83.33
The Southerner (fall quarter only)	6.00

Part-Time Student

Fixed Fees	
Incidental fee each quarter hour[2]	$ 6.00
Room rent for half quarter	23.33
Board for half quarter	37.50
Other Fees When Applicable	
Non-resident fee each quarter hour	$ 6.95
Out-of-state Tuition—P. L. 16 or 894 veterans as follows:	
Full load (over 12 hours)	83.33
3/4 load (9-11 hours)	62.50
1/2 load (6-8 hours)	41.66
1/4 load (1-5 hours)	20.83

[1]Twelve (12) to eighteen (18) quarter hours constitutes a full load. Students

enrolled for more than 18 hours will be assessed $6.00 for each additional quarter hour. (P.L. 550 veterans on the undergraduate level are required by the Veterans Administration to carry a minimum of fourteen quarter hours for the entire quarter to receive full subsistence.)

[2]A fee of $1.00 a quarter is added for operation of the College Union when this fee is assessed.

TABLE II

SPECIAL FEES AND EXPENSES

Departmental and Laboratory Fees:

Biology 101, 102, 103, each (when taught at Gulf Coast Research Laboratory)	$ 6.00 per qtr. hr.
Laboratory fee in addition to above charge, each course	6.00 per course
Uniform laboratory fees on all other courses taught during summer at Gulf Coast Research Laboratory will be determined by the laboratory and will be published in the official laboratory catalogue.	
Elementary Education 480	20.00 per course
Elementary Education 482, 483, 485, each	10.00 per course
Geology 480	30.00 per course
Home Economics 481, 482, 485, 486, each	10.00 per course
Journalism 331	20.00 per course
Library Science 489	10.00 per course
Music Education 451A-453E, each	6.00 per course
Secondary Education 481A, B, G, H, I, J, K, L, M, N, P, R, S, each	20.00 per course
Secondary Education 484A, B, G, H, I, J, K, L, M, N, P, — I, each	10.00 per course
Secondary Education 484A, B, G, H, I, J, K, L, M, N, P, — II, each	10.00 per course

Music:

Piano, organ, voice:	
1 private lesson per week	16.00 per quarter
2 private lessons per week	32.00 per quarter
Strings, woodwinds, brasses:	
1 private lesson per week	15.00 per quarter
2 private lessons per week	30.00 per quarter
Theoretical subjects:	
1 private lesson per week	15.00 per quarter
2 private lessons per week	30.00 per quarter
Orchestral or band instrument rental	6.00 per quarter
Organ rental, 1 hour daily	12.00 per quarter
Organ rental, each additional hour daily	3.00 per quarter
Piano rental, 1 hour daily	3.00 per quarter
Piano rental, each additional hour daily	1.00 per quarter

*Summer Conferences and Workships:

Administration Workshop
Aviation Education Workshop
Library Science Workshop
Reading Conference
School Lunch Managers Workshop
Summer Band Camp

*The fees for the above conferences and workshops will be listed in the brochures

published for each conference. The conference and workshop fees do not include the $6.00 per quarter hour assessment for incidental fee where college credit is desired, nor do they include the conference charge for room and board.

Reading Clinic, Individual Remedial Instruction:

Special Students (non-credit)	$20.00	per 4-wk. period
Complete Reading Diagnosis	10.00	with written report

Speech and Hearing Clinic Service:

Diagnostic Speech or Hearing Examination	5.00	when required
Private lessons to college students	5.00	per quarter
Private lessons to off-campus cases	.75	per therapy session

Examinations and Graduation:

Revalidation Examination	5.00	when applicable
Special Examination	3.00	when applicable
Graduation fee	7.00	with application for degree
Certificate	2.50	when applicable
Graduation fee (graduate students)	11.80	with application for degree
National Teachers Examination (Education majors)	6.00	
If application is not filed by January 23, 1962. fee will be	9.00	
Thesis binding, not to exceed*	12.00	when applicable
Thesis preparation, not to exceed*	75.00	when applicable

*(Actual costs of charts, typing, materials, binding, etc., payable by G. I. Bill of Rights for P. L. 894 and P. L. 16 veterans on presentation of bills by veterans to college)

Extension and Correspondence:

Extension Center	6.00	per quarter hour
Correspondence Courses	5.00	per quarter hour
High School by correspondence	15.00	per credit

Registration and Records:

Change of Schedule	5.00	when applicable
Audit Fee (Non-Credit)	3.00	per quarter hour
Late Registration	10.00	full load
	5.00	partial load
Memorandum of credits	.50	when applicable
Transcript of credits	1.00	when applicable
R.O.T.C. deposit (Unused portion refundable upon proper clearance)	$10.00	upon entrance the fall quarter
Science breakage	5.00	per card

Card is purchased in business office before attending first laboratory meeting. Any balance on card upon completion of course is refundable.

VETERANS

Incidental fees, laboratory fees, and cost of books and supplies are covered by G. I. Bill of Rights for P. L. 894 and P. L. 16 veterans.

Korean veterans under P. L. 550, receive their allowance directly from the Veterans Administration and are therefore subject to pay all fees to the college as non-veteran students.

SPECIAL REFUND POLICY FOR VETERANS ONLY

Non-Resident (Out-of-State) Tuition

Length of regular quarter ..... 12 weeks
Length of summer quarter ..... 10-11 weeks

Period of Veteran's Actual Attendance in Institution from Date of Enrollment	Per cent of Non-Resident (Out-of-State) Tuition Fees to Be Charged	
	Regular Quarter	Summer Quarter
Three days or less	0	0
One week or less	20%	25%
Between one and two weeks	40	50
Between two and three weeks	60	75
Between three and four weeks	80	100
Between four and five weeks	100	100
Over five weeks	100	100

All Charges Other than Non-Resident (Out-of-State) Tuition

Length of regular quarter ..... 12 weeks
Length of summer quarter ..... 10-11 weeks

Period of Veteran's Actual Attendance in Institution from Date of Enrollment	Per cent of Fees to Be Charged Other Than Non-Resident (Out-of-State) Tuition or Fees	
	Regular Quarter	Summer Quarter
Three days or less	0%	0%
Four days to one week	20	25
Between one and two weeks	40	50
Between two and three weeks	50	50
Between three and four weeks	50	50
Between four and five weeks	50	50
Between five and six weeks	50	100
Over six weeks	100	100

ACADEMIC ORGANIZATION AND REGULATIONS

ORGANIZATION OF INSTRUCTION

Academically Mississippi Southern College is divided into three schools and two divisions for purposes of instruction. They are the School of Education and Psychology, the School of Arts and Sciences, the School of Commerce and Business Administration, the Division of Fine Arts, and the Division of Home Economics. All freshmen and sophomores are registered in the School of Arts and Sciences. It is expected that students in the freshman and sophomore years will complete the college core requirements and that in the junior and senior year they will devote most of their time to meeting major and minor requirements. In the junior and senior years students are registered in the school in which their chosen majors are offered. Graduate students register in the school offering the graduate major appropriate to their objectives. The deans of the schools and division chairmen are responsible to the Dean of the College and Graduate School for the execution of the academic policies of the college.

ADMISSION

In making application for admission the following procedures should be followed:

(1.) Write to the Director of Admissions for an application for admission.

(2.) Complete the application for admission, medical examination record, recommendation form, and room reservation card (if campus housing is desired), and return them to the Director of Admissions.

An applicant who resides in Mississippi must submit the recommendations from five Mississippi Southern College alumni who reside in his county and who have known the applicant for at least two years. An applicant from another state may submit these recommendations from five responsible citizens of his home community.

(3.) A freshman should have his high school transcript sent after he has graduated from high school.

(4.) A transfer from another college or university should have transcripts sent from all previous schools attended.

(5.) A foreign student must present a certificate of proficiency in the English language.

(6.) The American College Test is required of all freshmen and transfer students. Information concerning where and when this test will be given can be obtained from the Director of Admissions. An applicant, who is unable to take the test before coming to the campus, will have an opportunity to take the test after he arrives.

After the application for admission, medical examination record, recommendations, and transcript (s) have been received, the applicant will be notified of the action taken on his application for admission. A student will not be allowed to register for classes until all forms mentioned above have been received by the Director of Admissions. Mississippi Southern College admits only those students known to possess good moral character. Students who violate regula-

tions of the college or deviate from accepted standards of conduct will be subject to disciplinary action which may include dismissal from the college.

Admission as a Freshman

An applicant must meet one of the following requirements to be admitted as a freshman:

(1.) The applicant must be a graduate of an accredited high school with a minimum of fifteen high school units.

(2.) An applicant who has not graduated from high school and who is at least twenty years of age may be admitted on the basis of successful completion of an entrance examination.

Admission as a Transfer Student to Advanced Standing

A transfer from an accredited college or university may be admitted to advanced standing at Mississippi Southern College provided he is eligible to return to his former college. A transfer from a college or university outside the state of Mississippi must also have an over-all average of "C" or better.

A transfer from a Mississippi college who is admitted with an over-all average of below "C" will be admitted on academic probation; courses on which grades of "D" have been made will not be accepted. All courses attempted at the institution from which the student wishes to transfer will be considered in determining his over-all average.

Not more than 99 quarter hours may be transferred from a junior college. If a person has earned a total of 99 quarter hours from all sources, no additional credit will be accepted from a junior college.

A maximum of 96 quarter hours of correspondence courses, extension courses, and military experiences can be counted toward a degree at Mississippi Southern College.

Admission as a Special Student

Admission as a special student may be granted to an applicant who is not working toward a degree at Mississippi Southern College. A special student must be able to meet all other admission requirements. An irregular student may be admitted as a special student by the Admissions Committee.

Acceptance of Military Credit

The following policies govern acceptance of military credit:

(1.) No credit is awarded for the General Educational Development Test, College Level. Admission to the college may be granted on the basis of successful completion of the General Education Development Test, High School Level.

(2.) Credit for other military experiences is usually awarded on the basis of recommendations of the American Council on Education.

(3.) The maximum amount of credit allowed for military credit is covered under the advanced standing section above.

COUNSELING SERVICES

Orientation. At the beginning of the fall quarter, freshman and transfer students, together with certain student leaders, reach the campus a few days before other students arrive. At this time faculty and students join in introducing

the new students to the campus and registration procedures and assisting them in securing maximum benefit and happiness at Mississippi Southern College. All new students are given a psychological examination and freshmen are given an English achievement test. These tests aid advisers in planning the individual student's course of study. The participation of student leaders lends much of practical value to the program.

Academic Guidance. Mississippi Southern College attempts to provide adequate academic guidance for its students. Students in the freshman year are assigned to an adviser by the director of student counseling. Sophomores are assigned to advisers by the dean of the school of arts and sciences. Upon becoming juniors, students are assigned to advisers in their major fields by the head of the school or division in which their major is taken. Students who are pursuing pre-professional curricula have special advisers whose interests and training enable them to give their advisees adequate guidance. Students may not change their advisers without permission in writing from the appropriate officer indicated above.

Freshman Guidance. Carefully chosen advisers from every department of the college make up the group serving as freshman advisers. In addition to advising freshmen in their educational program for the first year, these advisers attempt to become well acquainted with their advisees in order to help them with their personal and vocational problems. The freshman adviser is the student's closest counselor in the first year of his college career. The advisers work closely with the director of student counseling and the Guidance Center in this program.

Office of Student Counseling. The director of student counseling provides assistance to all students in matters of personal, vocational, educational and social needs. Diagnostic, psychological, aptitude, and vocational tests are administered as well as some of the national tests such as the Graduate Record Examination.

All types of student problems are brought to the Guidance Center. Those who require specialized assistance are referred to the appropriate departments or clinics.

Remedial Services. When the testing program and the student's academic record indicate need for remedial study, the college offers unusual facilities for remedial work. Special services are offered in English, reading, speech, mathematics and other areas. Special corrective procedures are available in the Speech Clinic, the Reading Clinic, and the Physical Education Department.

DEGREES OFFERED

Mississippi Southern College grants the following undergraduate degrees, Bachelor of Science, Bachelor of Arts, Bachelor of Music, and Bachelor of Music Education. Graduate degrees are discussed in the section of this bulletin devoted to the Graduate School.

Degree requirements are of two types:

1. General requirements that apply to all degrees, and
2. Specific requirements that apply to a particular degree program.

The general degree requirements are stated below. The specific course requirements will be outlined by the appropriate department and school in which the student elects his major area of study. Students interested in the professional teacher education program must meet requirements of the State for certification as well as the college requirements for the degree.

CURRICULAR REQUIREMENTS

Total Hour Requirement — A student, to receive a degree, must earn a total

of 192 quarter hours of work. The hours must be distributed in such a manner that the student meets all other scholastic regulations and requirements governing the degree.

Core Requirements — The core requirements for a degree constitute a common body of courses that must be taken by all students applying for the degree, regardless of what the student's major may be. The Bachelor of Science and the Bachelor of Music Education degrees have the same core requirements. The requirements for the Bachelor of Arts and the Bachelor of Music degrees are the same. The core requirements are outlined elsewhere in this section of the bulletin.

Major Field Requirements — Each student is expected to designate a special area of study, which will be called his major. A minimum of thirty-six (36) quarter hours of work are required for a major. All courses taken in the major area will be used in determining the quality point average. The major areas available for the Bachelor of Science and Bachelor of Music Education degrees are listed under major fields of study.

Minor Field Requirements — In addition to the major field of work each student must choose a minor field also. A minimum of twenty-eight (28) quarter hours of work are required in the minor field. All courses taken in the minor area will be used in determining the quality point average. With certain exceptions, the student may minor in any field listed as a major. The limitations placed on minor fields will be found on page 55.

Electives — Electives are courses a student may choose in any field because of his personal interest.

English Proficiency Examination — In order to qualify for any undergraduate degree, a student must pass a qualifying examination in English after becoming a junior. The examination is given on Thursday of the seventh week of each quarter, and it is to the student's advantage to take the examination during the first quarter of his attendance after he becomes eligible.

Hours in Courses Numbered Above Three Hundred — To become eligible for any undergraduate degree, a student is required to complete a minimum of sixty-eight (68) hours of work in courses numbered 300 or above.

BACHELOR OF SCIENCE AND BACHELOR OF MUSIC EDUCATION DEGREES

Core Curriculum

The core requirements for the Bachelor of Science and Bachelor of Music Education degrees are listed below. This core curriculum is the common pattern for all students who are candidates for one of these degrees. The student should plan to complete these requirements during the first two years of his college career.

Bachelor of Science or Bachelor of Music Education Core

			Hours
English 101, 102, and 103			12
English 201 (A new four hour course in Literature replacing English 73 and 74)			4
Public Address 101			4
History 101, 102 or 151, 152			8
*Social science (Government 101, Economics 200 or 251, Geography 103, Psychology 201, or Sociology 103)			8
	Non-professional	Professional**	
Laboratory sciences	12	16	
Mathematics	8	4	20

Physical education (six quarters)	non-credit
Total requirement for all students	56
Military Science (male students)	6
Total	62

*One course from two of the five fields.

**Students preparing for teaching must take the professional requirements in science and mathematics. The science must be distributed as follows: eight hours biological science, eight hours physical science.

Major Fields of Study for Bachelor of Science

Non-Professional — A student who wishes to work for the Bachelor of Science degree, but who is not interested in the professional teacher education program, must choose a major from the following fields:

Accounting
Architectural drafting
Art
Biology
Botany
Business administration
Chemistry
Child development
Clothing and merchandising
Clothing and textiles
Commercial art
Drawing and painting
Economics
English (45 hours required)
Food and nutrition
French
General home economics
General speech
Geology
Geography
German
Government
Health
History
Home economics in equipment
Homemaking
Industrial arts
Institutional management
Journalism
Library science
Marketing
Mathematics
Microbiology
Office management
Physical education
Physics
Psychology
Public address
Recreation
Religion and philosophy
Secretarial studies
Sociology
Spanish
Speech therapy and audiology
Theatre
Zoology

Professional (Teacher Education) — The student electing this program must choose either elementary education or secondary education. Each program has distinct requirements in order that the student may qualify for a Class A certificate in the program he chooses.

I. The student desiring to qualify for teaching at the elementary level must complete a major in elementary education, plus certain special subject matter courses.

The professional education courses for the major are: E.ED. 120, 266, 301, 305, 306, 307, 317, 343, 480, or 482; F.ED. 469; AVE 116; EPY 316.

The special subject matter courses required of elementary majors are: Art 107 and 109; Music Education 461, 462, and 465; Conservation 432 and 447; PED 409; Health 179. Secondary education 451B or Art 392 I and II may be substituted for Art 109. Art 310 or 320 may be substituted for Music 465. Conservation 447 may be used as a physical science in the core curriculum. All students must have 12 semester or 16 quarter hours of English.

II. A student desiring to qualify for a Class-A teaching certificate at the secondary level must choose his major from the following fields:

Art
Biology
Business education
Chemistry
Corrective therapy
Economics
Educational therapy
English (45 hours required)
French
General science (Required: biology, 24 hrs.; chemistry, 24 hrs.; physics, 24 hrs.; (12 hrs. of Math may be used for physics requirement.)
General speech
Geography
German
Government
Health
History
Home economics
Industrial arts
Library science
Manual arts therapy
Mathematics
Major Fields of Study for Bachelor of Music Education
Music education
Music therapy
Physical education
Physics
Recreation
Sociology
Spanish
Speech therapy and audiology

In addition to the requirements in the major field, the student must complete the following courses: Elementary Education 120; Secondary Education 313; Foundations Education 469; Health 179; Educational Psychology 319 and 332; the appropriate methods course; student teaching in the major field; four hours in fine arts; at least two hours from AVE 116, FED 128, GED 336, SED 462 or 464, and HEC 489. All students must have 12 semester or 16 quarter hours of English.

Students following one of the professional degree programs outlined above should, upon graduation, qualify for a Class-A certificate. However, the final answer regarding certification rests with the Certification Division of the State Department of Education. College officials do attempt to provide up-to-date information on certification and the student should keep in close touch with his adviser.

Minor Requirements

The student should select his minor after consultation with his major professor.

I. A student working for a non-professional degree must establish a minor (28 hours), chosen from among the fields listed as possible majors with four exceptions. They are as follows:

(1) A student may establish a minor for the non-professional degree in general science by offering 36 hours from two or more appropriate fields (biology, chemistry, geology, mathematics, and physics), provided he offers at least 12 hours from each field he chooses to include.

(2) To establish a minor in any field, a student must earn at least twelve (12) hours above the core requirements in that field.

II. A student working for a professional degree in Elementary Education above must establish a minor in one of the following areas: Biological Sciences; Commerce; English and Speech; Health and Physical Education; Home Economics; Library Science; Physical Sciences and Mathematics; Industrial Arts; Social Studies. A minor in General Science will require 36 quarter hours. The core courses apply on the 28 hours required for the minor.

III. A student working for a professional degree in Secondary Education necessarily establishes a minor with his professional courses.

Since most high schools in Mississippi require teachers to teach in more than one field, it is recommended that students working for secondary certificates try to plan electives so as to meet certification requirements in some field in addition to the major.

Bachelor of Arts and Bachelor of Music Degrees
Core Curriculum

The core requirements for the Bachelor of Arts and Bachelor of Music degrees are outlined below:

Bachelor of Arts or Bachelor of Music Core

	Hours
English 101, 102, and 103	12
Humanities (history, literature, philosophy)	12
Laboratory science	8
Mathematics	4
*Social science (Government 101, Geography 103, Economics 200 or 251, Psychology 201, or Sociology 103)	12
**Fine arts or speech arts	4
Foreign language	12 to 18
Physical education (six quarters)	noncredit
Total requirement for all students	64
Military science (male students)	6
Total	70

*The student must take one course from three of the five fields.

**A student may begin with the second year of a foreign language by presenting two years of high school credit in that language. His core requirement would be 12 hours. If in doubt concerning his proficiency, the student may take an examination to determine his level.

A student with less than two years of high school credit will be required to take 18 hours in a foreign language.

Major Fields of Study for Bachelor of Arts

A student studying for the Bachelor of Arts degree will select a major area of study from the fields listed below:

Art
Biology
Chemistry
Commercial art
Drawing and painting
Economics
English (45 hours required)
Foreign trade
French
General speech
Geology
Geography
German
Government
Health
History
Home economics
Journalism
Library science
Mathematics
Microbiology
Physics
Psychology
Public address and radio
Religion and philosophy
Sociology
Spanish
Speech therapy and audiology
Theatre
Zoology

Major Fields of Study for Bachelor of Music

Church Music
Music Literature
Organ
Piano
Theory-Composition

Minor Requirements

The minor should be selected by the student after consultation with the major professor. A minor must be selected from among the fields available as a major except that a student who majors in one area of speech may not minor in another area of speech.

Degree for Pre-Medical, Pre-Technician, Pre-Dental, or Pre-Law Students

Students may be allowed to complete work for the Bachelor of Science and Bachelor of Arts degrees in affiliated schools of medicine, medical technology, dentistry, and law on the following conditions:

(1) That 140 hours of credit and 280 quality points shall have been completed, with a minimum of four quarters of residence at Mississippi Southern College.

(2) That all core requirements for the degree shall have been completed.

(3) That credit and quality points shall be transferred back to Mississippi Southern College from the school of medicine, dentistry, or law to complete requirements for the degree. A minimum of one year's work must be transferred. (In the case of medical technicians, a certificate of graduation from a recognized school of medical technology must be presented.) In any event a minimum of 192 quarter hours must be completed before the degree will be awarded.

(4) That the program leading to the degree shall be completed within two calendar years of the termination of the last quarter of residence at Mississippi Southern College, except that technicians will be allowed three calendar years after the last quarter of residence, for the completion of the program leading to the degree.

SCHOLASTIC REGULATIONS

Exemption from Core Requirements — Students may be exempt from any part of the core requirements for any of the degrees on the basis of attainment in the field as demonstrated by examination or by previous record. The granting of exemption does not involve the bestowal of credit; neither does it reduce the total number of hours to be earned for a degree. Its only effect is to increase the number of elective or semi-elective credits which the student may offer as a part of his program for a degree.

Program of Work — The programs of work outlined for students in this bulletin are suggested, but not required. It is expected that all students will conform to the core requirements, but in case of the major and minor programs some flexibility will be allowed. It is obvious that no program can meet the needs of every student. Major advisers will endeavor to see that the programs authorized for their advisees provide the most favorable training for the individuals concerned.

Physical Education — Freshman and sophomore students are required to take physical education on a non-credit basis during each quarter of the freshman and sophomore years, unless excused from the requirement by the college physician or the dean.

Military Science — Physically qualified male freshmen are required to complete at least two years (six quarters) of Military Science.

Quarter Hours — An applicant for a degree must complete 192 quarter hours, including core requirements and major and minor requirements. No more

than six hours of practical music (chorus, band, or orchestra) may be counted toward a degree except by students who are majoring in music. Not more than twelve hours in physical education activity courses and not more than four hours in any one varsity sport may be used in meeting degree requirements.

Catalog Governing Graduation Requirements — Graduation requirements must be met under a catalog which is not more than six years old at the time of the student's graduation and which bears announcements for a year during which the student earned some credit at Mississippi Southern College.

Residence Requirements — To become eligible for a degree at Mississippi Southern College a student must meet the following residence requirements:

(1) He must be a resident student at this institution for at least three quarters.

(2) He must do his last quarter of work on the Mississippi Southern College campus, except that four of the last 16 quarter hours may be earned by extension, correspondence, or at another senior college. This requires approval by the dean of the school.

(3) He must earn at least 48 quarter hours of credit in residence at Mississippi Southern College.

(4) He must earn at Mississippi Southern College at least twelve quarter hours of credit in his major field.

(5) Military personnel on active duty may be permitted to qualify for graduation by completing a minimum of 40 quarter hours in residence, provided all other degree requirements are met.

Quality Point Requirements — The college has two types of quality point requirements. One for all courses taken at Mississippi Southern College or a general quality point average; and one for major and minor areas which includes all courses used in these areas regardless of where the courses may have been taken.

1. General Quality Point Average — A student must earn a quality point ratio of at least 2.0 at Mississippi Southern College. Grades in correspondence courses, extension courses, and off-campus workshops do not carry quality points. In the case of workshops this regulation became effective as of September 1950.

2. Major and Minor Quality Point Average — A student must have at least a quality point average of 2.0 in the major field and in the minor field.

The work done in another institution in the major and minor areas of a transfer student must average a C to be applicable toward the major and minor areas at Mississippi Southern College. If the work does not average a C, the student must remove any deficiences in that part of the major and minor course work being transferred. Deficiences may be removed by (1) repeating a sufficient number of courses with grades of D at Mississippi Southern College and thereby raising the grades in those courses to the level required for a C average, or (2) by having courses with grades of D stricken as acceptable courses in the major or minor and taking additional courses in the major or minor field at the senior college level.

A grade of A carries four quality points, B—three quality points, C—two quality points, D—one quality point, F—zero quality points.

Scholarship Standards—It is necessary that students maintain a reasonable academic record to continue in college. The Scholarship Standards Committee, which has the responsibilty of determining whether or not students have met the minimum standards of the college, has set up the following scholastic standards as a guide in fulfilling its responsibility.

1. A student taking a normal load must pass at least eight hours of work and earn at least sixteen quality points.

2. A student who does not meet the aforementioned standard may be readmitted on academic probation if the Scholarship Standards Committee finds that conditions justify such readmission. A student already on probation will be suspended from college for the next succeeding quarter if he does not meet the above minimum academic standards. However, a student suspended at the end of the spring quarter is suspended for the following fall quarter. Exceptions will be made of students who attend summer school at Mississippi Southern College and earn at least fifteen hours credit with a C average or better.

3. A student who passes no work is subject to automatic suspension, whether or not he has previously been on probation.

4. A student may remove himself from academic probation by earning at least a C average on a load of fifteen hours or more for one quarter provided his general average is C or better.

5. A student suspended the second time for poor scholarship may not apply for readmission until the expiration of at least one calendar year and presentation of a satisfactory record of work in an accredited college or university, employment, or military service. No student may be readmitted after three suspensions for poor scholarship.

Approval of Faculty—After a student has met the scholarship requirements for a degree, the question of his graduation is submitted to a vote of the faculty. If a majority of the faculty vote favorably, the president is authorized to grant the degree.

Application for Degree—A student is expected to file an application for a degree at least three quarters before the degree is to be conferred. This application will show the work completed by the student and the proposed courses for the ensuing quarters. After the application has been approved, it becomes the student's official program.

No application will be accepted until the degree fee of seven dollars ($7.00) has been paid at the Business Office.

An application for degree will not be accepted for any commencement later than the end of the quarter previous to the one in which the student expects to complete degree requirements.

Honors—A student may be awarded a degree with honors or with highest honors. In order to win one of these awards, the student shall have had on the Mississippi Southern College campus not less than five quarters of work of not less than twelve quarter hours of credit in each quarter, and totaling no less than eighty hours of credit. In computing this residence requirement, a six-week term will be considered a half quarter when the load is six hours or more. Honors will be granted to students who maintain an honor-point average of 3:5 or more. Highest honors will be granted to students who maintain an honor-point average of 3.8 or more.

Second Bachelor's Degree—Mississippi Southern College will confer upon a candidate a second bachelor's degreee based upon requirements imposed by the current catalog, provided the program of study for the second degree includes at least 48 quarter hours of credit with 96 quality points. It is required that the 48 hours be related to a specific major.

Late Registration—Registration will continue after the close of the scheduled registration period for six school days. Beginning at 8:00 A.M. on the seventh day of scheduled class work all registration will cease.

A late registration fee will be charged to all students registering after the

scheduled registration period. The fee is Ten Dollars ($10.00) for a load of nine (9) quarter hours or more, and Five Dollars ($5.00) for a load of less than nine (9) hours.

The course load one can register for will be reduced to twelve (12) quarter hours beginning with the fourth day of scheduled class work. An exception to this regulation may be made by the appropriate dean. Students registering for the second term of a quarter cannot register for a full load after the second day of the term.

Program Changes—A student who finds that he is not prepared for courses for which he is registered may be allowed to withdraw on the recommendation of his adviser with the approval of the appropriate academic dean. A student will not be permitted to withdraw from a course after the fourth week of a quarter. A fee of five dollars ($5.00) is required for a change in registration after the regular registration period.

Foreign Students' Program of Study—The academic program of every foreign student must be approved by the foreign student adviser (the director of the Institute of Latin American Studies) each quarter. No change may be made in a foreign student's program without the approval of the foreign student adviser.

Correspondence Work in Residence—A long-standing regulation provides that students will not be permitted to do correspondence study while in residence. An exception to this rule may be made for seniors. This can only be done by the approval of the appropriate dean or division chairman. If a student takes a correspondence course during his last quarter of attendance, he may not register for a correspondence course after he leaves the campus with the expectation of completing requirements for his degree.

Language Credit—Students must complete a minimum of one year of work in a foreign language if the credit is to be counted toward a degree.

Load of Work—The normal student load is twelve to nineteen quarter hours of work. Students who are listed on the honor roll will be permitted to take twenty-one quarter hours of work during the next quarter of attendance.

Seniors may take twenty quarter hours during any one of their last three quarters provided they made no grade lower than C during the previous quarter.

Students who have maintained a place on the honor roll for each of the two preceding quarters of their residence may take up to twenty-five (25) quarter hours of work during their next quarter of attendance.

Dean's List—Students will be placed on the Dean's List if they have maintained a quality point ratio of 3.25 or above on an academic load of fifteen quarter hours or more, provided they have no grade of D or below. Being on the Dean's List carries with it certain academic and social privileges.

Absences—Students are expected to attend all classes. When it is necessary that a student be absent from a class, courtesy requires an explanation to the instructor in charge. If a student has as many as fourteen (14) absences in a four (4) hour course, or the proportionate number of absences in a one, two, three or five hour course, he will not receive credit in the course.

Examinations—Examinations will be held on the last three days of the fall, winter and spring quarters.

During each of the two terms of the summer quarter, the last regularly scheduled meeting of a class will be used for examination purposes.

No final examinations are permitted prior to the scheduled examination period.

A student who is absent from the examination without valid reason approved by the dean forfeits credit for the quarter. Students will be charged a fee of $3.00 for special examination unless excused by the dean.

Grading System—

A—indicates superior to average work.

B—incidates superior to average work.

C—indicates average work.

D—indicates inferior to average work.

E—indicates failure with condition. An E becomes an F if the condition is not removed within the next twelve months, or, if the student is not in residence during all of the next twelve months, within the next quarter of attendance after the expiration of the 12-month period. An E grade cannot be raised higher than a D.

F—indicates failure without condition. Quality point averages are based on the number of hours undertaken rather than the number of hours passed (except in the case of a course taken a second time) in determining whether a student meets minimum standards.

I—indicates an incomplete record. An I becomes an F if the work is not completed within the next twelve months, or if the student is not in residence during all of the next twelve months, within the next quarter of attendance after the expiration of the 12-month period.

W—indicates withdrawal. No student will be allowed to withdraw from a course after the fourth week, except under unusual circumstances approved by the dean.

Y—indicates acceleration, because of proficiency, to a more advanced course.

A faculty regulation provides that except in case of obvious clerical error, a grade of A, B, C, D, or F may not be changed without permission given by the faculty in regular meeting.

Definitions—The college session, beginning in September and ending in August, includes four quarters.

A quarter is twelve weeks in length.

A credit (called also quarter hour, or hour) measures college work and represents the credit received for the successful pursuit of a college subject for one quarter (twelve weeks), one 60-minute class period per week (laboratory periods are 120 minutes). For example, a class meeting four times a week for one quarter earns four hours of credit. A credit is ordinarily presumed to require from one and one-half to two hours of preparation for each hour spent in class.

A memorandum of credits is a statement showing the courses completed and credits earned by the student. Memorandums are fifty cents ($.50) each, except that upon request of the student one copy of the cumulative record will be supplied to the Mississippi Southern College Placement Bureau without charge.

A student is ranked as a—

Freshman when he has less than 40 hours.
Sophomore when he has as many as 40 hours and less than 96 hours.
Junior when he has as many as 96 hours and less than 132 hours.
Senior when he has 132 or more hours.
Special student when his credentials for admission have not been received or when his work is of an irregular nature.

A student is ranked for the Selective Service at the beginning of the school year, that is, in September: (1) as a freshman if he has completed 55 hours or less; (2) as a sophomore, 56 hours to 105 hours; (3) as a junior, 106 hours to 155 hours; (4) as a senior, 156 hours or more.

Numbering of Courses—The Academic Council adopted a new system of numbering courses. This means that most all undergraduate courses and many of the graduate courses will carry new numbers beginning with the 1961-62 session. Freshman courses are numbered from 100 to 199, sophomore courses from 200 to 299, junior courses from 300 to 399, senior courses from 400 to 499, first year graduate courses from 500 to 599, second year graduate courses from 600 to 699, and third year graduate courses from 700 to 799. Courses carrying numbers below 100 will be non-credit courses. Undergraduate courses approved for graduate credit will carry the prefix G. Courses taken by extension will carry the prefix E, and correspondence C.

Freshman and sophomore students are not permitted ordinarily to register for senior college courses. To receive a bachelor's degree from the institution a student is required to earn 68 hours of work in courses numbered 300 or above.

SCIENCE BUILDING

SCHOOLS AND DIVISIONS

SCHOOL OF ARTS AND SCIENCES

John H. Allen, Dean

It is the purpose of the School of Arts and Sciences to provide a broad cultural and educational experience for all students at Mississippi Southern College as well as to make available to them the specialized disciplines for major and minor fields. Freshmen and sophomores, regardless of their expected majors, are assigned to Arts and Sciences for the purpose of meeting the general education or core requirements necessary for graduation.

ORGANIZATION

The School of Arts and Sciences is organized into fourteen departments: Biology, Chemistry, English and Literature, Foreign Languages, Geography, Geology, History and Government, Journalism, Mathematics, Military Science, Physics, Religion and Philosophy, Sociology, and Speech Arts. Majors and minors are offered in all of these areas except military science. In addition to the four year curricula, pre-professional training is provided for students who plan to enter the fields of medicine, dentistry, medical technology, nursing, pharmacy, optometry, law, and engineering.

PREPROFESSIONAL CURRICULA

The preprofessional programs at Mississippi Southern College are designed to prepare students for admission to the professional schools of their choice. In addition to the curricula outlined below, preprofessional programs may be worked out in individual cases for architecture, forestry, social work, veterinary medicine, the ministry, and other fields.

RECOMMENDED PREMEDICAL AND PREDENTAL PROGRAM

The premedical-predental curriculum is planned to meet the needs of the student wishing to enter an approved school of medicine or dentistry. The student should seek the counsel of his advisers in selecting courses that will meet the specific requirements of the medical or dental school which he intends to enter. This is esecially true of science, social science, and language requirements.

It should be remembered that the keen competition for admission to medical and dental schools makes it imperative that the student plan his curriculum carefully and maintain a superior scholastic standing. A three-year premedical and predental program is outlined below, but if the student wishes to receive a bachelor's degree before transferring to professional school, a four-year curriculum may be worked out with the premedical or predental adviser. A student accepted in medical or dental school after the junior year may be awarded a bachelor's degree upon completion of the first year of medical or dental school if the core curriculum requirements outlined elsewhere in this catalog are met.

Freshman year

	Hours
English 101, 102, 103	12
Chemistry 121, 122, 123	12
Mathematics 102, 103	8
Biology 101, 102, 103	12

Speech	4
Electives	4

Sophomore Year

Physics 101, 102, 103	12
Chemistry 201, 202, 203 or 321, 322, 323	12
Mathematics 275	4
Biology 301, 302	8
Psychology 201	4
Electives	12

Junior Year

Chemistry 321, 322, 323 or 201, 202, 203	12
Mathematics 375, 376	8
English 201, 202	8
Electives in social studies	8
General Electives	16

RECOMMENDED PROGRAM IN MEDICAL TECHNOLOGY

The following three-year program is planned to meet the needs of those specializing in medical technology. The student who completes additional work at a recognized school of medical technology and who meets the core curriculum requirements outlined elsewhere in this catalog may be eligible for a Bachelor of Science degree at Mississippi Southern College.

Freshman year

	Hours
English 101, 102, 103	12
Chemistry 121, 122, 123	12
Biology 101, 102, 103	12
Mathematics 102, 103	8
Speech 101	4
Physical education activities	

Sophomore Year

Chemistry 201, 202, 203	12
Biology 301, 302	12
English 201, 202	8
Sociology, government or geography	4
Psychology 201	4
Physical education activities	
History 101, 102	8

Junior Year

Physiology 229	48
Bacteriology 339, 340, 344 or 405	12
Biology 305, 306	8
Physics 101, 102, 103	12
Health 179	4
Psychology 201	4
Social studies elective	4
Electives (Business Education 101 suggested)	8

RECOMMENDED PREPHARMACY PROGRAM

The requirement for admission to most schools of pharmacy is two years of prepharmacy training. The student should obtain a copy of the catalog of the school of pharmacy which he plans to attend and with his academic adviser adjust his course of study to meet his individual needs.

First Prepharmacy Year	Quarter Hours
Chemistry 121, 122, 123	12
English 101, 102, 103	12
Mathematics (Algebra and Trigonometry) 101, 102, 103	12
Biology 101, 102, 103	12
Electives	4
Second Prepharmacy Year	
Chemistry 321, 322, 323	12
Physics 101, 102, 103	12
Economics 251, 252	8
Botany 117, 118	8
Electives*	12

*Electives should be selected from one or more of the following fields of study: English literature, foreign languages, history, mathematics, philosophy, political science, psychology, sociology, speech.

PRE-NURSING PROGRAM

Two pre-nursing programs are offered.

The Methodist Hospital School of Nursing, Hattiesburg, Miss., requires that all pre-nursing students complete the following subjects before beginning their clinical nursing program at Methodist Hospital. Upon completion of the remainder of the program, Methodist Hospital School of Nursing will award a Diploma in Nursing and the graduate will be eligible to take the licensing examinations required to become a Registered Professional Nurse in Mississippi. The total program can be completed in three years. Students desiring to enter this program must make application to the Director of the School of Nursing, Methodist Hospital, before August 1. This is required for those desiring State Scholarship Aid.

First Quarter	Second Quarter	Third Quarter
General Biology (BIO 101)	Human Anatomy (BIO 228)	Physiology (BIO 229)
General Chemistry (CHE 121)	General Chemistry (CHE 122)	Bacteriology (BIO 339)
English Composition (ENG 101)	English Composition (ENG 102)	English Composition (ENG 103)
Introduction to Sociology (SOC 103)	General Psychology (PSY 201)	Food and Nutrition (HEC 178)
Freshman Women Physical Education (PED 104)	(PED 105)	(PED 106)

In addition, the faculty of the School of Nursing will conduct one course each quarter on the MSC Campus:

1st Quarter Nursing I—Introduction to Nursing as a Profession
2nd Quarter Nursing II—Nursing and the Community
3rd Quarter Nursing III—Introduction to Medical Science

The prenursing program required of students planning to transfer to the University of Mississippi as part of their planned four year program has a different plan for the first year. All students wishing to be admitted into that program must make application for admission to that School of Nursing at the beginning of the Freshman year. They must take the curriculum required for that program.

RECOMMENDED PRELEGAL PROGRAM

The requirements for admission to accredited law schools vary, ranging from three years of prelegal work to a college degree. It is suggested that

the prelegal student obtain a copy of the catalog of the law school which he wishes to attend and that he plan his curriculum under the guidance of his academic adviser. The program at Mississippi Southern College is divided, therefore, into two parts, and the prelegal student may elect the one which he considers the more appropriate to his circumstances.

A. It is suggested that the prelegal student secure his bachelor's degree before entering a school of law. If he elects to do this, he must complete the core, choose his major and minor, and meet the requirements for the bachelor's degree.

B. If the prelegal student desires the three-year program, he may receive his bachelor's degree from Mississippi Southern College after he receives his law degree if he meets the requirements outlined elsewhere in this catalog.

Most law schools do not require specific courses for admission, and Mississippi Southern College accepts this policy. The college invites the student's attention, however, to the following courses in addition to the core curriculum:

Accounting 71, 72, 73

Economics 54

Psychology 139 (Social Psychology)

Sociology 151 (Marriage and the Family)

Biology 136 (Human Anatomy)

Government 25, 45, 130, 135, 185

History 109, 179, 190

Philosophy 130 (Logic)

Sociology 128 (Criminology)

Speech 60, 70, 115

Business Administration 166

It is also desirable that the pre-law candidate participate in the Mississippi Southern intercollegiate debate program.

RECOMMENDED PRE-ENGINEERING PROGRAM

The following curricula are set up to meet the requirements for admission to most engineering schools. The student should note that there are no electives and that there are only four courses not required by most engineering schools. These are History 101, History 102, Economics 251, and Speech 101. However, every engineering school requires some courses of the same nature. Students who have selected an engineering school may need to change one or more of these courses to meet the requirements of their particular choice, but no other substitutions should be made.

The pre-engineering student must maintain the average required by the college to conform to the following schedule of more than nineteen hours per quarter. Those students not meeting the requirements of the college for taking this schedule should plan to spend more than six quarters in pre-engineering.

FRESHMAN YEAR PROGRAM FOR ALL ENGINEERS

Fall Qtr.	Hrs	Winter Qtr.	Hrs.	Spring Qtr.	Hrs.
Speech 101	4	Math. 35 - 103	4	Math. 275	4
Math. 101	4	Math. 102	4	Chem. 103	5
Chem. 101	5	Chem. 102	5	Eng. 103	4
Eng. 101	4	Eng. 102	4	Eco. 200	4
Ind. Arts	2	Ind. Arts	2	Math. 247	2
P. E. and		P. E. and		P. E. and	
R. O. T. C.	1	R. O. T. C.	1	R. O. T. C.	1
	20		20		20

CIVIL ENGINEERING PROGRAM—SECOND YEAR

Fall Qtr.	Hrs.	Winter Qtr.	Hrs.	Spring Qtr.	Hrs.
Math. 301	4	Math. 376	4	Math. 377	4
Math. 375	4	Phys. 202	4	Phys. 203	4
Phys. 201	4	Hist. 101	4	Geol. 101	4
Ind. Arts 321	4	Math. 248	4	Hist. 102	4
P. E. and		P. E. and		Ind. Arts 325	4
R. O. T. C.	1	R. O. T. C.	1	P. E. and	
				R. O. T. C.	1
	17		17		21

CHEMICAL ENGINEERING PROGRAM—SECOND YEAR

Fall Qtr.	Hrs.	Winter Qtr.	Hrs.	Spring Qtr.	Hrs.
Math. 301	4	Math. 376	4	Math. 377	4
Math. 375	4	Phys. 202	4	Phys. 203	4
Phys. 201	4	Chem. 202	4	Chem. 203	4
Chem. 201	4	Hist. 101	4	Hist. 102	4
P. E. and		Ind. Arts 321	4	Ind. Arts 325	4
R. O. T. C.	1	P. E. and		P. E. and	
		R. O. T. C.	1	R. O. T. C.	1
	17		21		21

ELECTRICAL AND MECHANICAL ENGINEERING PROGRAM

SECOND YEAR

Fall Qtr.	Hrs.	Winter Qtr.	Hrs.	Spring Qtr.	Hrs.
Math. 301	4	Math. 376	4	Math. 377	4
Math. 375	4	Phys. 202	4	Phys. 203	4
Phys. 201	1	Hist. 101	4	Hist. 102	4
Ind. Arts. 321	4	Ind. Arts 41b	2	Ind. Arts 325	4
Ind. Arts 136	2	Math. 248	4	P. E. and	
P. E. and		P. E. and		R. O. T. C.	1
R. O. T. C.	1	R. O. T. C.	1		
	19		19		17

PETROLEUM ENGINEERING PROGRAM—SECOND YEAR

Fall Qtr.	Hrs.	Winter Qtr.	Hrs.	Spring Qtr.	Hrs.
Math. 301	4	Math. 376	4	Math. 377	4
Math. 375	4	Phys. 202	4	Phys. 203	4
Phys. 201	4	Geol. 102	4	Geol. 103	4
Geol. 101	4	Hist. 101	4	Hist. 102	4
Ind. Arts 321	4	Math. 248	4	Ind. Arts 325	4
P. E. and R. O. T. C.	1	P. E. and R. O. T. C.	1	P. E. and R. O. T. C.	1
	21		21		21

THE DEPARTMENT OF BIOLOGY (Bio.)

J. F. Walker, Chairman

Cliburn, Harrises, Howse, Woodmansee, Ward

PURPOSE

The Biology Department endeavors to prepare college students to become research biologists, marine biologists, biology teachers, and workers for state game-fish commissions and national parks. The Department also offers courses in biology to meet all requirements of pre-professional training in the specialized fields of medicine, dentistry, nursing, medical technology, veterinary science, entomology, and marine biology.

Requirements for Major

A student majoring in biology may elect one of several alternative plans. He may work toward either the B.A., the B.S. Professional or the B.S. Non-Professional degree, the M.S. in teaching of biological sciences, M.S. in biology, and M.S. in Combined Sciences. The student's choice of a program of study should be determined by his plans for the future and after consultation with his adviser.

A. Curriculum—College Core

A student working towards either of the above mentioned bachelor of science degrees must include the core curriculum subjects for the degree selected. The core curricula for the degrees listed above in the same sequence as their listing are to be found on page — of this catalogue. The student majoring in biology should elect a full year of chemistry and a full year of physics in lieu of the minimum core requirements for the physical sciences.

B. Curriculum—Professional Requirements

The student working toward the B.S. Professional degree must include in his program the courses in Education and Psychology required for the Class A teaching certificate.

C. Curriculum—Departmental Requirements

1. General Requirements

The student wishing to major in biology regardless of his degree plan, must take a minimum of 36 hours in the Department of Biology, of which 24 must be in courses numbered above 300. Required of all majors are Biology 101, 102,

103, and 401. In addition a major must take either two quarters of Comparative Anatomy, Biology 301-302, or two quarters of Botany, Biology 311-312.

2. Requirements for specialized programs:

The pre-professional requirements for the specialized fields of medicine, nursing, and medical technology are listed on pages 65 and 66 of this catalogue.

The specialized programs in Botany, Zoology, and Microbiology are as follows:

Botany

A minimum of 36 hours that will include Biology 101, 102, 103, 311, 321 and 319, plus an additional 12 hours in advanced botany selected with the approval of the major professor from the botany courses listed on the following pages.

Zoology

A minimum of 36 hours selected with consent of the major professor from the following: Biology 101, 102, 103, 418, 419, 362 (or 353), 300, 301, 302, 306, 303, 304, 481, 482, and 484. Biol. 301-302 are required.

Microbiology

A minimum of 36 hours which must include 101, 102, 103, 401, and 300 plus an additional sixteen quarter hours of courses in bacteriology or other areas of microbiology selected with the approval of the major professor from the courses listed in the following pages.

Detailed outlines of specialized programs with majors in biology are as follows:

Curriculum Leading to
BACHELOR OF SCIENCE DEGREE
Recommended for
MAJOR IN BIOLOGY
and
MINOR IN BOTANY
(For freshman and sophomore years, see core curricula)

Junior Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
Biology 305 or 303	4	Biology 306 or 304	4	Biology 401	4
Biology 311	4	Biology 312	4	Biology 319	4
Biology 300	4	Elective	8	Biology 101	4
Elective	4			Elective	4
	16		16		16

Senior Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
Biology 339	4	Biology 412	4	Biology 413	4
Biology 481 or 322	4	Biology 482 or 343	4	Biology 340	4
Elective	8	Elective	8	Elective	8
	16		16		16

Curriculum Leading to
BACHELOR OF SCIENCE DEGREE
Recommended for
BIOLOGY MAJOR
CHEMISTRY, GEOLOGY OR PHYSICS MINOR
(For freshman and sophomore years, see core curricula)

Junior Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
Biology	4	Biology	4	Biology 401	4
Chem., Geol. or Physics	4	Chem., Geol. or Physics	4	Chem., Geol. or Physics	4
Biology 339	4	Psychology	4	Elective	8
Elective	4	Elective	4		
	16		16		16

Summer—6 weeks at Gulf Coast Research Laboratory—
Biology 153 or 161—9 hrs.

Senior Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
Chem., Geol. or Physics	4	Chem., Geol. or Physics	4	Chem., Geol. or Physics	4
Philosophy 101	4	Philosophy 300	4	Elective	12
Elective	8	Elective	8		
	16		16		16

PRE-BIOLOGICAL OCEANOGRAPHY

Major: Biology

(Core requirement)
Biology 300 (Protozoology, 4 quarter hours)

Minor: Chemistry

Math 101, 102, 103 (two quarters of algebra, one of trigonometry, 12 quarter hours)
Chemistry 321, 322, 323 (Organic, 12 quarter hours)

Freshman Year

Biology 101, 102, 103
General Biology-
12 quarter hours
Biology 104
Intro. to Botany,
4 quarter hours
General Inorganic Chemistry 121, 122, 123
12 quarter hours

English 101, 102, 103
(12 quarter hours)
History, 101, 102
(Core requirements, 8 quarter hours)
Physical Education
(3 quarter hours)
R. O. T. C. (3 hours req. for men)

Sophomore Year

Psychology 201
(Core requirement, 4 hours)
Chemistry 201, 202, 203
12 quarter hours, qual. and quan.
Health 179
4 quarter hours
R. O. T. C. 3 hours (req. for men)

Biology 301, 302 (comparative Anatomy, 8 quarter hours)
English (Literature) 201, 202
(Core requirements, 8 hours)
Math 101, 102, 103 (12 quarter hours)
(two quarters of algebra, one of trigonometry)
P. E. (3 quarter hours)

Junior Year

Biology 300 (Protozoology)
(4 quarter hours)
Biology 401 (Genetics, 4 hours)
Foreign Language (12 quarter hours)
Electives (4 quarter hours)
Biology 303 (Embryology, 4 hours)
Physics 101, 102, 103 (12 hours)
Social Studies (8 quarter hours)
(Core requirements, may be selected from any of the following departments: Sociology, Economics, Government, or Geography)

Senior Year

Biology 481, 482 (Ecology, 8 hours)
Electives (20 quarter hours)
(Second year French, German, etc. highly recommended)
Speech 101
(Core, 4 quarter hours)
Biology 484 (Limnology, 4 hours)
Chemistry 321, 322, 323 (Organic)
(12 quarter hours)

In addition to the core requirements, certification requirements and the departmental requirements, the student must complete requirements for a minor in a related field. Courses not used to fulfill any of these requirements are free electives and may be taken in any department of the college. The minor field courses should be selected after consultation with the major professor.

The requirements for the M.S. in the teaching of biology are listed in the Graduate Bulletin. Students may also take the M.S. in biology with a minor in geology, physics, chemistry, health, or psychology. Each student before registering for any graduate work must first of all confer with his major professor and obtain approval of his entire graduate program.

GULF COAST RESEARCH LABORATORY

Mississippi Southern College is closely allied with the Gulf Coast Research Laboratory at Ocean Springs. Staff members and biology majors in both the graduate and undergraduate schools have been active participants in the work at the Gulf Coast Research Laboratory. It is strongly recommended that all graduate majors in biology take at least a six-weeks program in marine biology as offered at the Laboratory. The following courses are to be had only at the Gulf Coast Research Laboratory: Biology G-353, G-361, G-357, 541.

GENERAL COURSES

101—**Biology I.** Four hours. (37)

Two theory periods, and two two-hour laboratory periods each week.

This course and biology 102 which follows constitute the general core requirements in biological sciences for the B.S. professional degree.

A treatment of the protoplasmic concept, cell theory, tissues, etc., and the beginning of a survey of animal phyla.

102—**Biology II.** Four hours. (38)

Two theory periods, and two two-hour laboratory periods each week.

A continuation of Biology 101, completing the survey of animal kingdom and beginning study of systems.

103—**Biology III.** Four hours. (39)

Two theory periods, and two two-hour laboratory periods each week.

Prerequisite: Biology 101 (or ____), and 102.

The circulatory, respiratory, excretory, reproductive, endocrine, and nervous systems; fundamental principles of genetics and evolution. Vertebrates studied in laboratory.

485-G485—**History of Biology.** Four hours. (199)

For seniors and graduate students only.

Lectures and readings concerning the development and organization of the biological sciences, the development of biological principles and theories.

489-G489—**Cytogenetics.** Four hours. (189)

Two hours lecture and four hours laboratory.

Prerequisite: Advanced standing in biology, general genetics.

Relationships between cytological and genetic systems.

502—**Philosophical Implications of Biology.** Four hours.

598—**Thesis in Biology.** Six hours.

ZOOLOGY

209—**Invertebrate Zoology.** Four hours. (102)

Four hours laboratory and two hours lecture per week.

Prerequisites: Geology 101 and 102. For geology majors, not allowed for credit toward a major in biology.

Study of morphology of invertebrates with special reference to fossil-producing forms.

300-G300—**Protozoology.** Four hours. (142)

Two theory periods, and two two-hour laboratory periods each week.

Prerequisites: Biology 101, 102, and 103.

Parasitic and free-living protozoa studied: life histories and anatomy of typical forms. Vital stains and permanent mounts utilized; student preparation of some permanent mounts.

301-G301—**Comparative Anatomy I.** Four hours. (143)

Two theory periods, and two two-hour laboratory periods each week.

Prerequisite: Biology 101, 102, and 103. Biology majors are not allowed credit for this course unless Biology 302 is completed.

302-G302—**Comparative Anatomy II.** Four hours. (149)

Two theory periods, and two two-hour laboratory periods each week.

Prerequisites: Zoology 301.

A continuation of Biology 301, laboratory work devoted to study of the turtle and cat.

303-G303—**Embryology I.** Four hours. (190)

Two theory periods, and two two-hour laboratory periods each week.

Prerequisite: Biology 101, 102, 103, 301, and 302.

Embryology of vertebrates, especially the frog. Maturation, fertilization, cleavage, origin and development of germ layers, histogenesis, and organogenesis. Strongly recommended for majors.

304-G304—**Embryology II.** Four hours. (191)

Prerequisite: Embryology 303.

Two theory periods, and two two-hour laboratory periods each week.

A continuation of Embryology 303. The embryological development of vertebrates, especially the chicken and the pig. Histogenesis and organogenesis of the chicken, the pig, and man.

305-G305—**Microtechnique.** Four hours. (166).

One hour lecture and six hours laboratory per week.

Prerequisite: Biology 101, 102, and 103. Open to juniors and seniors, and others by special permission.

Techniques for preparing microscope slides.

306-G306—**Histology.** Four hours. (167)

Three lecture periods and one two-hour laboratory period each week.

Prerequisites: Biology 101, 102, and 103.

Microscopic anatomy for general students. Recommended for hospital technicians, nurses, and biology majors.

346-G346—**Parasitology.** Four hours. (146)

Four hours laboratory and two hours lecture per week.

Prerequisite: Biology 101, 102, and 103.

The epidemiology, morphology, and importance of animal parasites, with emphasis on those affecting man.

347-G347—**Parasitology.** Four hours. (147)

Prerequisite: 346 or G-346 or consent of instructor.

A continuation of 346.

353-G353—**Marine Invertebrate Zoology.** Nine hours. (150)

Laboratory and field work.

Prerequisites: 18 quarter hours of biology including general biology or zoology, and junior standing.

General study of anatomy, life histories, distributors, and phylogenetic relationships of all marine phyla below chordates, with special reference to Gulf species.

360-G360—**Field Zoology: Herpetology.** Four hours. (66)

Two hours lecture and four hours laboratory per week.

Prerequisite: Biology 101, 102, and 103.

Identification, preservation, and collection of all local species of amphibians and reptiles. Discussions of southeastern United States zoogeography, and faunal problems. Field trips when possible.

361-G361—**Marine Vertebrate Zoology.** Nine hours. (161)

Prerequisites: 18 quarter hours of biology including comparative anatomy and junior standing. Taught at Gulf Coast Research Laboratory.

General study of all the marine chordates, including the lower groups, and the mammals and birds; most emphasis will be given to fishes.

362-G362—**Entomology.** Four hours. (115)

Four hours laboratory and two hours lecture per week.

Prerequisites: Biology 101, 102, and 103.

An elementary study of the principal groups of insects. Life habits, structural adaptations, life histories, natural habitats, classifications and the economic importance of certain species.

Biology 363-G363—**Ichthyology.** Four hours. (192)

Two hours lecture and four hours laboratory per week.

Prerequisites: Biology 101, 102, and 103.

Collection, preservation, and identification of fresh-water fishes, with discussions of taxonomy, zoogeography, phylogeny, and natural history.

401-G401—**Genetics.** Four hours. (140)

Prerequisite: Biology 101, 102, and preferably 103.

The fundamental principles of heredity.

418-G418—**Field Zoology: Macroscopic Invertebrates.** Four hours.

One hour lecture and six hours laboratory per week.

Prerequisites: Biology 101, 102, and 103.

Collection, preservation, identification, and general biology of local, microscopic, marine, fresh-water and terrestrial invertebrates. Field work as needed.

419-G419—**Field Zoology. Microscopic Invertebrates.** Four hours.

One hour lecture and six hours laboratory per week.

Prerequisites: Biology 101, 102, and 103.

Collection, preservation, identification, and general biology of local, macroscopic, marine, fresh-water and terrestrial invertebrates. Field work as needed.

481-G481—**Ecology I.** Four hours. (195)

Two hours lecture and four hours laboratory or field work per week.

Prerequisite: 24 hours of biology including a course in botany, 12 hours of chemistry, college algebra.

Interrelations between organisms and their environment.

Biogeochemical cycles and nutrient distribution. Limiting factors, productivity and energy transfer in food chains. Ecological succession.

482-G482—**Ecology II.** Four hours. (196)

Two hours lecture and four hours laboratory or field work per week.

Prerequisite: Biology 481.

Ecological effects of temperatures, light, rainfall, salinity.

Relationship of respiration and osmoregulation, to environmental factors, Population growth form.

483-G483—**Ecology III.** Four hours. (197)

One hour lecture and a minimum of six hours laboratory per week.

Prerequisite: Ecology 482 and senior standing, except by special permission.

Special field and laboratory problems in beginning ecological research under direction.

484-G484—**Limnology.** Four hours. (198)

Lectures, laboratories, and field trips.

Prerequisite: Biology 102, 481, and 482 strongly recommended. Junior standing and permission.

A study of the physical, chemical, and biological conditions in lakes, ponds, and streams.

492—**Biological Problems I, II, III.** Two hours each. (168A, B, C)

Given only by special arrangement.

A course in special techniques, designed for majors with a need for certain basic biological techniques as tools for future research. Individual work after advisement with instructor.

504—**Invertebrate Zoology for High School Teachers.** Four hours.

Prerequisite: Twelve quarter hours of biology.

A Summer Institute course, especially designed for teachers.

505—**Basic Principles of Entomology for High School Teachers.** Four hours.

Two hours lecture and six hours laboratory per week.

508—**Utilization of Local Fauna and Flora in the Teaching of High School Biology.** Four hours.

A Summer Institute course, especially designed for public school biology teachers.

509—**Microbiology for Secondary School Teachers—Bacteria and Fungi.** Four hours.

Two hours lecture and six hours laboratory per week.

510—**Principles of Parasitology for Secondary School Teachers.** Four hours.

515—**Biological Oceanography.** Four hours. (515)

541—**Marine Fisheries Biology.** Six hours.

592—**I, II, III, IV Special Problems in Biology.** Two to eight hours. (500)

594—**I, II, III Biology Seminar.** 1 or 2 hours graduate credit. (501)

BOTANY

104—**General Botany.** Four hours. (40)

Anatomy, physiology, and reproducton of major plant groups, with emphasis

on problems in the basic plant sciences; an introduction to cellular physiology and structure; and an introduction to taxonomy and taxonomic systems.

214—**Economic Botany.** Four hours. (101)

Prerequisite: Botany 104 or its equivalent.

A study of plants of economic importance to man, including plants that are used for timber, cereal, grain, fruits, grums and resins, spices, drugs, etc.

311-G311—**Botany I.** Four hours. (117)

Two theory periods and two two-hour laboratory periods each week.

A study of gross and microscopic structures, physiology, life cycles, and economic significance of the Thallophytes.

312-G312—**Botany II.** Four hours. (118)

Prerequisite: Botany 311.

A study of the Bryophytes and Pteridophytes.

319-G319—**Taxonomy of Higher Plants.** Four hours. (120)

Prerequisites: Botany 311 and 312.

A study of the classification of both wild and cultivated seed plants, including theoretical, laboratory, and field work.

321-G321—**Plant Geography.** (170)

Four theory periods per week.

Prerequisites: Botany 104 and 319.

Designed to acquaint the student with the distribution, both in time and space, of the major groupings of vascular plants. Emphasis on the present distribution of the families, genera, and species of flowering plants.

322-G322—**Introductory Mycology.** Four hours. (173)

Two hours lecture and four hours laboratory.

Prerequisite: General Bacteriology or Botany 104.

The nature, importance and classification of fungi. Laboratory devoted to general procedures of cultivation and identification.

323-G323—**Plant Anatomy.** Four hours. (177)

Relationship of plants to their environment.

357-G357—**Introduction to Marine Botany.** (157)

Four and one-half hours.

Prerequisites: General botany and plant taxonomy, and Biology 339. Taught at Gulf Coast Research Laboratory.

A survey, based upon local examples, of the principal groups of marine algae, treating their structure, reproduction, distribution and general biology; including a survey of the common maritime flowering plants, their identification and ecology.

408-G408—**Medical Mycology.** Four hours. (174)

Two hours lecture and four hours laboratory.

Prerequisite: Introductory Mycology.

Consideration of the fungi of medical significance. Laboratory devoted to cultivation and identification.

409-G409—**Introductory Phycology.** Four hours. (175)

Two hours lecture and four hours laboratory.

Prerequisite: Botany 104 or General Bacteriology.

Consideration of the algae, nature, position, classification, and importance. Laboratory devoted to general procedures of cultivation, identification, and morphology.

410-G410—**Introductory Morphology of Plants.** Four hours. (176)

Three hours lecture and two hours laboratory.

Prerequisite: Advanced standing in botany.

Form and relationship primarily of vascular plants. Laboratory devoted to study of extant and fossil forms.

Biology 411-G411—**Plant Ecology.** Four hours. (178)

Prerequisite: Advanced standing in botany.

Relationship of plants to their environment.

412-G412—**Plant Physiology I.** Four hours. (193)

Two theory and two laboratory periods per week.

Prerequisite: General botany (Botany 104 or its equivalent). General and organic chemistry recommended.

Designed to acquaint the student with basic physiological processes of green plants. Extensive use of the greenhouse in laboratory work.

413-G413—**Plant Physiology II.** Four hours. (194)

A continuation of Biology 412.

BACTERIOLOGY

339-G339—**General Bacteriology I.** Four hours. (139)

Four hours laboratory and two hours lecture.

Prerequisite: General Biology, organic chemistry recommended.

An introduction to the nature of bacteria, their position in the biological world, activities and significance. History of development of the field. Laboratory emphasis upon development of facility in basic techniques.

340-G340—**General Bacteriology II.** Four hours. (141)

Four hours laboratory and two hours lecture.

Prerequisite: 339.

A continuation of 339.

341-G341—**Water and Sewage.** Four hours (148)

One hour lecture and six hours laboratory.

Prerequisite: General Bacteriology, General Chemistry.

Considerations of control of water supply purity. Standard methods, sources and types of pollution. Methods, aims, and control of sewage disposal. Laboratory devoted to attainment of facility in technique and familiarity with preparation of media and reagents.

342-G342—**Industrial Microbiology.** Four hours. (149)

Four hours lecture, no laboratory.

Prerequisite: Organic Chemistry, General Bacteriology or Mycology.

A consideration of microorganisms of industrial significance, their products, and of the practical problems dictating company policies.

343-G343—**Determinative Bacteriology.** Four hours. (164)

One hour lecture and six hours laboratory.

Prerequisite: General Bacteriology.

Principles of selective culture study and bacterial taxonomy. Laboratory devoted to actual application of selective and differential techniques.

344-G344—**Bacteriology.** Four hours. (187)

Four lectures per week.

A course supplementing Bacteriology 339 with special emphasis on molds, yeast, and bacteria associated with disease.

370-G370—**Applied Bacteriology.** Four hours. (145)

Two theory periods and two two-hour laboratory periods each week.

Prerequisite: 339.

A course supplementing Bacteriology 339. Emphasis upon some of the less elementary bacteriology techniques in common laboratory use, and upon an instruction to the types of techniques employed in laboratory diagnostics.

404-G404—**Physiology of Bacteria.** Four hours. (151)

Four hours lecture, no laboratory.

Prerequisite: General Bacteriology.

Composition and growth of bacteria. Nutrition, fermentation mechanism and enzymes.

405-G405—**Public Health Bacteriology.** Four hours. (156)

Two hours lecture and four hours laboratory.

Prerequisite: General Bacteriology. (Biol. 339 and 340)

A consideration of the major groups of organisms. Schemes for isolation and identification.

406-G406—**Virology.** Four hours. (162)

Four hours lecture, no laboratory.

Prerequisite: Advanced standing in bacteriology.

A study of quality control as necessitated by various groups imparting u desirable flavors, texture, etc. Laboratory devoted to standard techniques.

Biology 407-G407—**Foods Bacteriology.** Four hours. (163)

Two hours lecture and four hours laboratory.

Prerequisite: Advanced standing in bacteriology.

A study of quality control as necessitated by various groups imparting undesirable flavors, texture, etc. Laboratory devoted to standard techniques.

507—**Advanced General Botany for High School Teachers.** Four hours. Six hours laboratory and/or field trips and two hours lecture per week.

This is a Summer Institute course consisting of a comprehensive treatment of basic principles of botany and a survey of the flowering plants.

ANATOMY AND PHYSIOLOGY

228—**Human Anatomy.** Four hours. (136)

Prerequisites: Biology 101, 102, and 103.

Four lectures per week.

One quarter of general biology is highly recommended.

Study of the structure of the human body. Designed as a first course in human anatomy.

229—**Physiology.** Four hours. (129)

Prerequisites: Biology 101, 102, 103, 228.

Three lectures and one two-hour laboratory period each week.

It is recommended that a quarter of general chemistry precede this course.

Study of the general physiology of the human body. Emphasis upon facts of physiology in their relation to the interpretation of diseases.

320-G320—**Alcohol Studies.** Two hours. (119)

The application of scientific findings to the solution of a social problem. Based on subject matter as presented by the Yale University Summer School on Alcohol Studies.

482—**Kinesiology.** Four hours.

Four lectures per week.

Prerequisites: Biology 101, 102, and 103, and Biology 228. Designed primarily for majors in health and physical education.

Study and analysis of movement of human body. Study of principal bones and muscles relative to their contributions to support and motion of body segments.

488—**Zoology for Teachers.** Six hours. (188)

Designed to provide teachers of biological sciences in elementary and secondary schools with opportunity to become acquainted with marine life. Field

trips to shrimping grounds, oyster reefs, and seafood processing plants, with opportunity to make teaching collections of marine organisms. Taught only in summer at Gulf Coast Research Laboratory.

DEPARTMENT OF CHEMISTRY (Che.)

C. E. Lane, Jr., Chairman
Brent, Hurst, Payne, Newsom

Students who are majoring in general science with an education minor (those following the professional teaching program with the expectation of teaching in the high school) must check with the School of Education in order to obtain the required number of hours in chemistry, biological science, and physics so as to be certified.

A student planning to major in chemistry may elect either the B.S. or B.A. degree, the B.A. degree is the degree recommended by the Department for industry or for further work in graduate schools.

FOR ALL CHEMISTRY MAJORS IN FRESHMAN YEAR

Chemistry 101, 102, 103.
Mathematics 101, 102, 103, 275 (101 may be omitted if 2 yrs. of H.S. algebra)
English 101, 102, 103.
Core: 3 courses (History, Literature, Philosophy)

FOR ALL CHEMISTRY MAJORS IN SOPHOMORE YEAR

Chemistry 201, 202, 203.
Mathematics 375, 376, 377.
English 201.
Physics 101, 102, 103 or Fine Arts (4 hrs.)

SENIOR COLLLEGE SPECIALIZATION

Physical Chemistry

Chemistry 301, 302, 303, 401, 402, 403, 405, 406.
German 101, 102, 103, 331, 332 (French may be substituted).

Organic Chemistry

Chemistry 301, 302, 303, 401, 402, 403, 405, 406, (if time permits, Chem. 421, 422, 423).
German 101, 102, 103, 331, 332 (French may be substituted).
Physics 101, 102, 103 (If not taken in Basic College).

Medical Professions

Chemistry 301, 302, 303, 401, 402, 403.
German 101, 102. 103, 331, 332.
Physics 101, 102, 103 (If not taken in Basic College).
Biology as needed for medical profession chosen.

Secondary Education

Students should take the following to be well-qualified:

Chemistry 301, 302, 303, 401, 402, 403.

Physics 101, 102, 103 (If not taken in Basic College).

Educational Psychology 319 and 332.

Fine Arts — 4 hours.

Education 313, 128 or 120, 451-J, 462 or 464, 481-J.

Biology 101, 102.

The requirements for the M.S. or M.A. degrees in chemistry, in the teaching of chemistry or in the combined sciences are listed in the Graduate Bulletin.

Courses of Instruction

101—**General Chemistry I.** Five hours. (31)

Four theory periods and one three-hour laboratory period per week.

Prerequisite: Algebra, or Mathematics 101 and 102 taken concurrently with Chemistry 101 and 102.

A course in general inorganic chemistry stressing fundamental principles and a comparative study of the elements. Emphasis upon fundamental laws, theories, and application.

102—**General Chemistry II.** Five hours. (32)

Four theory and one three-hour laboratory period per week.

Prerequisite: Chemistry 101.

Continuation of Chemistry 101.

103—**General Chemistry III.** Five hours. (33)

Four hours theory and one three-hour laboratory period per week.

Prerequisite: Chemistry 102.

Continuation of Chemistry 102.

121—**General Chemistry.** Four hours. (25)

Three theory periods and one double laboratory period per week.

A course in general inorganic chemistry stressing a general understanding of chemistry and the chemical industry. Not to be taken by chemistry majors and not accepted in that program.

122—**General Chemistry.** Four hours. (26)

Three theory periods and one double laboratory period per week.

Prerequisite: Chemistry 121.

Continuation of Chemistry 121.

123—**General Chemistry.** Four hours. (27)

Three theory periods and one double laboratory period per week.

Prerequisite: Chemistry 122.

Continuation of Chemistry 122.

201—**Analytical Chemistry—Inorganic Qualitative Analysis.** Four hours. (75).

One theory period and three double laboratory periods per week. One hour recitation.

Prerequisite: Chemistry 103 or 123, preferably 103.

A course intended to give a knowledge of the methods used in qualitative analysis. A study of the reactions and methods of separation and identification of the common metals and anions, and of chemical equilibrium.

202—**Analytical Chemistry—Qualitative and Quantitative Analysis.** Four hours. (76).

One theory period and three double laboratory periods per week. One hour recitation.

Prerequisite: Chemistry 201.

Completion of Qualitative Analysis plus a study of the techniques necessary in making quantitative volumetric determinations.

203—**Analytical Chemistry—Quantitative Analysis.** Four hours. (77).

One theory period and three double laboratory periods per week. One hour recitation.

Prerequisite: Chemistry 202.

Quantitative work completed. Typical gravimetric and volumetric determinations, with an introduction to instrumental analysis.

251—**Organic Chemistry.** Four hours. (92)

Three theory periods and one double laboratory period per week.

Prerequisite: Chemistry 123.

A short course in organic chemistry designed for students majoring in home economics. Aliphatic and aromatic hydrocarbons; the applications of organic chemistry to the home.

252—**Food Chemistry.** Four hours. (136)

Three theory periods and one double laboratory period per week.

Prerequisite: Chemistry 251.

A brief course in the composition and properties of foods; proteins, carbohydrates, fats, and salts. For Home Economics students.

253—**Physiological Chemistry.** Four hours. (165)

Three theory and one double laboratory period per week.

Prerequisite: Chemistry 252.

A course designed for home economics students, with emphasis on a study of the chemistry of the human body.

301—**Organic Chemistry.** Five hours. (141)

Three theory and two three-hour laboratory periods per week.

Prerequisite: Chemistry 103.

A course intended to give the student a knowledge of the fundamental principles of the compounds of carbon. Reactions of organic compounds, their derivatives, their nomenclature, classification, relationships and general applications. A more rigorous course than Chemistry 321. Required of chemistry majors.

302—**Organic Chemistry.** Five hours. (142)

Three theory and one four-hour laboratory period per week.

Prerequisite: Chemistry 301.

A continuation of Chemistry 301.

303—**Organic Chemistry.** Five hours. (143)

Three theory and one four-hour laboratory period per week.

Prerequisite: Chemistry 302.

A continuation of Chemistry 302 with emphasis on special topics including stereochemistry, optical isomerism, sugars, dyes, and the identification of organic compounds.

309—**Glass Blowing.** Two hours. (100)

Four hours laboratory per week.

Prerequisite: Senior college standing.

A course in the practice of handling both soft and pyrex glass. The operation of gas oxygen burners and the fabrication of simple equipment.

321—**Organic Chemistry.** Four hours. (130)

Two theory and one four-hour laboratory period per week.

Prerequisite: Chemistry 123.

A course intended to give the student a knowledge of the fundamental principles of the compounds of carbon. Reactions of the hydrocarbons, their derivates, their nomenclature, classification, relationships and general applications. Not to be taken by chemistry majors and not accepted in that program.

322—**Organic Chemistry.** Four hours. (131)

Two theory and one four-hour laboratory per week.

Prerequisite: Chemistry 321.

A continuation of Chemistry 321, introduction of amines, halides, etc.

323—**Organic Chemistry.** Four hours. (132)

Two theory and one four-hour laboratory period per week.

Prerequisite: Chemistry 322.

A continuation of Chemistry 322, completing the study of organic chemistry.

371—**Physical Chemistry for Pre-Medical and Biological Science Students.** Four hours credit. (177)

Three theory periods and one double laboratory period per week.

Prerequisites: Chemistry 203, Mathematics 275.

Those topics of physical chemistry of immediate application to the problems of pre-medical and biological work form the basis of this course, the gas laws, kinetics, equilibrium and free energy, electro-chemistry, pH, buffers, surface phenomena, colloids, and membrane phenomena.

372—**Physical Chemistry for Pre-Medical and Biological Science Students.** Four hours credit. (178)

Three hours theory and one double laboratory period per week.

Prerequisite: Chemistry 371.

A continuation of Chemistry 371.

401-G401—**Physical Chemistry.** Four hours. (181)

Three hours theory and one double laboratory period per week.

Prerequisites: Chemistry 203 and Mathematics 376.

A mathematical treatment of the laws governing chemical and physical changes. A study of the fundamental principles of chemistry and physics in their relation to each other.

402-G402—**Physical Chemistry.** Four hours. (182)

Three hours theory and one double laboratory period per week.

Prerequisite: Chemistry 401.

Continuation of Chemistry 401.

403-G403—**Physical Chemistry.** Four hours. (183)

Three hours theory and one double laboratory period per week.

Prerequisite: Chemistry 402.

Continuation of Chemistry 402.

404-G404—**Chemical Literature.** One hour. (101)

One lecture per week.

Prerequisite: Permission of the instructor.

The selection and use of the reference materials of chemistry: periodicals, journals, texts, patents, and other sources of information.

405-G405—**Advanced Quantitative Analysis.** Five hours. (155)

Two hours lecture and nine hours laboratory or library per week.

Prerequisites: Chemistry 203 and 303.

Offered on demand. A course in the theory and use of analytical instruments such as calorimeters, polarimeters, ultraviolet, visible and infrared spectrophotometers, gas chromatographs, etc.

406-G406—**Qualitative Organic Analysis.** Five hours. (157)

Two hours lecture and eight hours laboratory per week.

Prerequisite: Chemistry 203 and 303.

Emphasis on the systematic identification of pure organic chemicals and the analysis of mixtures.

421-G421—**Biochemistry.** Four hours. (160)

Two theory and two double laboratory periods per week.

Prerequisite: Chemistry 303 or 323.

Offered upon demand of 10 students.

A course designed to acquaint the student with the chemistry of living organisms. A study of the carbohydrates, proteins, lipids; their digestion and metabolism; and the accompanying vital process, such as respiration and detoxication.

422-G422—**Biochemistry II.** Four hours. (161)

Two theory and two double laboratory periods per week.

Prerequisite: Chemistry 421.

Continuation of Chemistry 421.

423-G423—**Biochemistry III.** Four hours. (162)

Two theory and two double laboratory periods per week.

Prerequisite: Chemistry 422.

A continuation of Chemistry 422.

441—**Industrial Chemistry.** Four hours. (195)

Four hours lecture.

Prerequisite: Chemistry 203.

A study of modern industrial methods and chemical calculations.

496—**Chemical Research I.** Four hours.

Prerequisite: Calculus, Chemistry 303 and 403, or physical chemistry taken concurrently. Available to chemistry majors during their last two quarters of residence, upon recommendation of the faculty of the Department of Chemistry. A course in library and laboratory research on a problem chosen in consultation with the adviser.

497—**Chemical Research II.** Four hours.

Prerequisite: Chemistry 496.

Continuation of Chemistry 496.

501—**Advanced Inorganic Chemistry.** Fours hours. (531)

502—**Advanced Inorganic Chemistry.** Four hours. (532)

Prerequisite: Chemistry 501.

503—**Inorganic Preparations.** Four hours. (535)

Prerequisite: Permission of instructor.

504—**Advanced Organic Chemistry.** Four hours. (541).

Prerequisite: Chemistry 303.

505—**Advanced Organic Chemistry.** Four hours. (542)

Prerequisite: Chemistry 504.

506—**Organic Preparations.** Four hours. (545).

Prerequisite: Permission of instructor.

507—**Quantitative Organic Analysis.** Four hours. (555)

Prerequisite: Chemistry 303.

571—**Industrial Chemistry of Area.** Four hours. (500)

572—**Theoretical Chemistry for High School Teachers.** Four hours. (551)

573—**Organic Chemistry for High School Teachers.** Four Hours. (552)

574—**History of Chemistry.** Four hours. (511)

575—**Selected Experiments and Demonstrations.** Four hours. (520)

576—**Analytical Chemistry for High School Teachers.** Four hours. (550)

577—**Radioactivity and Civil Defense.** One hour. (553)

594—**Special Projects I, II, III, Seminar.** One hour credit. (590)

596—**Research, Organic, I, II, III.** One or two hours. (595)

Prerequisite: Permission of the instructor.
597—**Research, Physical, or Inorganic, I, II, III.** One or two hours. (596)
Prerequisite: Permission of instructor.
598—**Research, Analytical, I, II, III.** One or two hours. (597)
Prerequisite: Permission of instructor.
601—**Advanced Physical Chemistry.** Four hours. (581)
Prerequisite: Chemistry 403.
602—**Advanced Physical Chemistry.** Four hours. (582)
Prerequisite: Chemistry 601.
603—**Spectroscopy.** Four hours. (571)
Prerequisite: Chemistry 403.
604—**Spectroscopy.** Four hours. (572)
Prerequisite: Chemistry 603.
694—**Special Projects I, II, III, Seminar.** One hour. (590)
696—**Research, Organic, I, II, III.** One or two hours. (595)
Prerequisite: Permission of instructor.
697—**Research, Physical or Inorganic, I, II, III.** One or two hours. (596)
Prerequisite: Permission of instructor.
698—**Research, Analytical I, II, III.** One or two hours. (597)
Prerequisite: Permission of instructor.

DEPARTMENT OF ENGLISH AND LITERATURE (Eng.)

Charles Moorman, Chairman
Allen, Bahr, Craft, Eubanks, Garvin, Gray, Hartwig,
Houston, Jones, Lane, Mayne, Orange, Stout, Webb, White

Requirements for Major

A student majoring in English may elect one of several alternative plans. He may work toward the B.A., the B.S. Professional, or the B.S. Non-Professional degree. The student's choice of program should be determined by his plans for the future and in close conjunction with his adviser.

A. Curriculum—College Core

The student working toward either degree must elect the appropriate core curriculum subjects for this degree found on pages 53 and 56 of this catalogue.

B. Curriculum—Professional Requirements

The student working toward the B.S. Professional degree must elect the courses leading toward the Class A teaching certificate.

C. Curriculum—Departmental Requirements

The student wishing to major in English, regardless of his degree plan, must take 45 hours in the Department of English, of which 24 hours must be in courses numbered 300 or above. Required of all majors are English 101, 102, 103, 201, 202, 300, 304, 305, and 306. Students who make superior scores on the English placement test for freshmen may be allowed to substitute a more advanced course for English 101. Otherwise English 101, 102, 103, and 8 hours of sophomore literature are prerequisites for any English course numbered 300 or above.

D. Curriculum—Minor and Electives

In addition to the core requirements, the certification requirements (where

applicable), and the departmental requirements, the student must also complete the requirements for a minor. The English major wishing to qualify as a part-time librarian will need 18 hours of library science. Courses not used to fulfill any of these requirements are free electives and may be taken in any department of the college.

Requirements for Minor

The student minoring in English must take 32 hours in the Department of English, of which 12 hours must be in courses numbered 300 or above. Recommended for the minor are English 101, 102, 103, 201, 202, and 12 hours from English 300, 304, 305, and 306.

Courses of Instruction

23—**Writing Laboratory.** No credit.

Required of those freshmen who fall within the lowest quartile in the preliminary testing program or who are discovered to have a deficiency in one or more of the fundamentals of writing. Also required of any upper-classman referred to the laboratory by an instructor who finds the student deficient in any of the fundamentals of writing and of any student failing the English Proficiency Test.

101—**English Composition.** Four hours. (25)

The first of a series of three required courses. Major emphasis upon grammar, the mechanics of writing, the use of the library, and vocabulary building.

102—**English Composition.** Four hours. (26)

Prerequisite: English 101.

A continuation of English 101, with special attention to writing for practical purposes, the preparation of a research paper, and further training in the use of the library.

103—**English Composition.** Four hours. (27)

Prerequisites: English 101 and 102.

A continuation of English 101 and 102. Emphasis upon imaginative and argumentative writing and the reading of selected literature.

201—**Introduction to Literature I.** Four hours. (73)

Prerequisites: English 101, 102, 103.

Reading in poetry, the short story, the novel, and drama, to provide critical bases for understanding and appreciating creative literature.

202—**Introduction to Literature II.** Four hours. (74)

Prerequisites: Same as for English 201.

Further reading as in English 201.

300—**American Literature.** Four hours. (100)

An intensive study of selected works of the most important American writers and their contributions to American culture.

304—**English Literature from Chaucer to the Restoration.** Four hours. (104)

A survey of English literature from Chaucer to the Restoration, excluding Milton.

305—**Seventeenth- and Eighteenth-Century English Literature.** Four hours. (105)

A survey of important selections by masters of literature in the seventeenth and eighteenth centuries with special attention to Milton, Dryden, Swift, Pope, and Johnson.

306—**Nineteenth- and Twentieth-Century English Literature.** Four hours. 106).

An intensive study of some of the master works of the Romantic, Victorian, and Modern Periods.

330—**Advanced Grammar and Rhetoric.** Four hours.

An intensive review of the principles of grammar and rhetoric with closely supervised theme writing. Major emphasis upon mastery of the fundamentals of composition to achieve effective instruction of this material at the secondary school level.

338-339—**Advanced Composition.** Eight hours. 4-4. (138)-(148)

Admission by permission of the instructor.

A course designed for students seriously interested in creative writing.

346—**The Literature of the Bible.** Four hours. (146).

A literary study of the Old and New Testament Scriptures, together with a consideration of similar writing of Jewish writers contemporary with the Biblical authors, and a comparison of the scriptural writings with related types among other peoples.

408-G408—**The Structure of Modern English.** Four hours. (108)

A review of English syntax and a study of functional pressures upon the conventional forms of English grammar.

410-G410—**Colonial and Revolutionary American Literature, 1640-1820.** Four hours. (110)

The principles of Puritanism as revealed in the writings of the Mathers and Jonathan Edwards, and the principles of American Democracy as revealed in the writings of Benjamin Franklin, Thomas Paine, Thomas Jefferson, Alexander Hamilton, and Philip Freneau.

414-G414—**The American Literary Renaissance, 1820-1870.** Four hours. (114)

The beginnings of a truly American literary tradition in the essays and sketches of Irving, Emerson, and Thoreau; the novels of Hawthorne, Cooper, and Melville; and the poetry of Bryant, Poe, and Whitman.

416-G416—**The Rise of Realism in American Literature, 1870-1920.** Four hours. (116).

The movement, under the impact of the Industrial Revolution, from a "romantic" to a "realistic" view of life as evidenced by the novels of Twain, Howells, James, and Dreiser, and by the poetry of Emily Dickinson, Robinson and Masters.

418-G418—**American Literature Between the World Wars, 1920-1940.** Four hours. (118)

Tendencies and movements in modern American literature reflected by the novels of Sinclair Lewis, Hemingway, and Faulkner; by the plays of Eugene O'Neill; and by the poetry of Frost and Eliot.

423-G423—**Shakespear's Comedies.** Four hours. (123)

A critical study of a selected group of Shakespeare's comedies and tragi-comedies.

423-G423—**Shakespeare's Comedies.** Four hours. (123)

A critical study of a selected group of Shakespeare's tragedies and history plays.

427-G427—**The English Novel.** Four hours. (127)

A study of the English novel from its beginning to the twentieth century.

430-G430, 431-G431, 432-G432—Tutorial in Comparative Literature. Twelve hours. 4-4-4. (130-131-132)

435-G435, 436-G436—**Nineteenth Century Poetry and Prose.** Eight hours. 4-4. (135-136)

An intensive study of the major figures of the Romantic and Victorian Ages.

444-G444—**Readings from World Literature.** Four hours. (144)

445-G445—**Literary Criticism.** Four hours. (145)

A survey of the history of literary criticism from the Greeks to the present with special emphasis upon the critical issues raised by Aristotle, Coleridge, and the New Criticism.

447-G447—**Major Writers of Eighteenth Century.** Four hours. (147)

An intensive study of the form and context of the works of Dryden, Swift, Pope, and Johnson.

473-G473—**Analysis of Poetry.** Four hours. (173)

A study of the techniques of poetry interpretation for the purpose of developing critical insight.

474-G474—**The Modern European Novel.** Four hours. (174)

A study of the more important English and European novelists of the twentieth century, with emphasis upon analysis and critical evaluation.

479-G479—**Development of English Drama.** Four hours. (179)

A study of representative plays from the origin of English drama to the beginning of the modern period, excluding Shakespeare. Emphasis upon the development of the drama in its various types.

480-G480—**Modern Poetry.** Four hours. (180)

A study of European and American poetry of the late nineteenth and early twentieth centuries.

483-G483—**Modern Drama.** Four hours. (183)

A study of European and American drama of the late nineteenth and early twentieth centuries.

485-G485—**Literature of the South.** Four hours. (185)

A critical and historical survey of Southern literature from its beginnings to the present.

486-G486—**Seventeenth-Century Prose and Poetry.** Four hours. (186)

An examination of representative selections from the major English writers, excluding Milton, from Donne to Dryden.

487-G487—**Milton.** Four hours. (187)

A careful study of the principal writings of Milton, including **Paradise Lost,** some of the minor poems, and prose selections.

488-G488—**Chaucer.** Four hours. (188)

An introduction to the language and art of Chaucer, with particular attention to **The Canterbury Tales** and **Troilus and Criseyde.**

490-G490—**Literature and the Arts.** Four hours. (190)

Prerequisite: At least one English course numbered 300 or above in a previous quarter, or consent of the instructor.

The applications of general aesthetics, with particular emphasis on the interrelation of literature and the other arts: music, painting, sculpture, architecture, and drama.

500—**Bibliography and Methods of Research in English.** Four hours.

502—**Anglo Saxon.** Four hours.

503—**The Development of Modern English.** Four hours.

505—**Seminar in American Literature.** Four hours.

508—**Seminar in Renaissance Literature.** Four hours.

510—**Seminar in Eighteenth-Century Literature.** Four hours.

511—**Seminar in Nineteenth-Century Literature.** Four hours.

513—**Seminar in Medieval Literature.** Four hours.

515—**Seminar in Twentieth-Century Literature.** Four hours.

580—**Tutorial in English and Germanic Philology.** Four hours.

598—**Thesis.** Six hours. (514B)

FOREIGN LANGUAGES

William G. Burks, Chairman

Chisholm Johnson Reindorp Weiersheuser

Foreign Language Majors and Minors: Candidates for either the Bachelor of Arts or the Bachelor of Science degree may choose a major or minor in French, German, or Spanish. The requirement for a major, in terms of hours, is 24 quarter hours in courses numbered above 300. Two college years (24 hours) or its equivalent in high school and college courses is prerequisite to beginning study at the level of the major or minor. The requirement for a minor is eight hours above 300.

Suggested Curriculum for Bachelor of Arts Degree with a Major in French, German, or Spanish

Freshman and Sophomore Years

	Hours
Courses listed in B. A. core	
The first two years of major language*	24

Junior and Senior Years

Degree with a Major in French, German, or Spanish

Language to complete major**	12 to 24
Minor and electives	44 to 56

*Students who have had two years of a language in high school should schedule second-year college courses.

**The phonetics course is required for French and Spanish majors.

Suggested Curriculum for Bachelor of Science Degree with a Major in French, German, or Spanish

Freshman and Sophomore Years

Courses listed in B. S. core	
The first two years of major language*	24

Junior and Senior Years

Language to complete major**	12 to 24
Education 120, 313, 451I, 464, 481I	28
Psychology 319, 332	8
Fine arts	4
Electives	30 to 42

*Students who have had two years of a language in high school should schedule second year college courses.

**The phonetics course is required for French and Spanish majors.

Related Majors: Credit for all Spanish courses is accepted for majors in the Institute of Latin-American Studies; credit in French or German is accepted for minors.

The major in foreign service within the Department of History and Govern study of the Spanish language and of Latin-American literature and culture and automatically gives the student a second major in Spanish. Credit in French is accepted for Latin-American students who major in foreign trade.

The major in foreign trade within the School of Commerce includes a ment is also planned to give the student a second major in the foreign language of his choice.

Method: Emphasis is placed upon the oral aspect of the language in the teaching of Spanish and French, so that the first four quarters the classes may be conducted to some considerable degree in the language. This practice tends to be less true in German, where there is greater demand for reading knowledge for science majors.

Language Laboratory: Most language courses will meet five hours per week, three hours regular class sessions and two hours in the laboratory. One laboratory hour will meet at the scheduled time and the other will be arranged to suit the student's needs.

Registration for Courses: No credit is granted for any part of the first year of a language until the third quarter has been completed.

It is understood that a student, whether studying a foreign language as a part of his core curriculum, as a requirement in a related major, or as a major or minor in itself, will begin the language in college at the level of his achievement at the time of entrance. If he should be placed in a language course above the beginning level, he will not receive college hours of credit for the courses not studied in college.

Credit Transferred from Foreign Schools: Students wishing to transfer language credit from institutions outside the United States may be required to undergo examination to determine how to equate such credit and to establish the level at which study might be resumed here.

Class Attendance: Because of the special nature of teaching and learning a foreign language, a maximum amount of "contact time" is essential. Foreign language students, therefore, are expected to attend all classes except those from which they are excused by reason of illness, administrative sanction, or the judgment of the instructor. In courses with laboratory, classes unavoidably missed may be made up by extra sessions in the laboratory.

FRENCH (Fre)

Chisholm Johnson

101, 102, 103—**First Year French.** Four hours each. (25, 26, 27)

201, 202, 203—**Second Year French.** Four hours each. (75, 76, 77)

Prerequisite: French 103, or the equivalent, and consent of the instructor.

311—**Advanced Conversational French.** Four hours. Offered in fall quarter. (125)

312—**Advanced Conversation and Phonetics.** Four hours. Prerequisite: 203. (126)

Required of those who plan to major in, or teach, French. Recommended for students of voice.

315—**Scientific French.** Four hours. Prerequisite: 203. (127)

321, 322, 323—**Introduction to French Literature.** Four hours each. (145, 146, 147)

Prerequisite: 203.

331-G331, 333—**French Romanticism.** Four hours. Prerequisite: 323. (151)

Representative writers of the French Romantic movement; emphasis on essential differences between Romanticism and Classicism.

333-G333, 335—**French Realism and Naturalism.** Four hours. (152)

Significant characteristics of Realism and Naturalism; emphasis on outstanding French works of the latter half of the nineteenth century.

351, 352, 353—**French Literature of the Nineteenth Century.** Four hours each. (160, 161, 162)

Prerequisite: 323. Study and discussion of representative works in poetry, drama and fiction.

401, 402, 403, G401, G402, G403—**French Literature from the Eleventh Century to the Revolution.** Four hours each. (570, 571, 572)

421, G421—**French Literature of the Twentieth Century.** Four hours. (153)

GERMAN (Ger)

Weiersheuser Chisholm

101, 102, 103—**First Year German.** Four hours each. (35, 36, 37)

201, 202, 203—**Second Year German.** Four hours each. Prerequisite: German 103, or the equivalent, and consent of the instructor. (85, 86, 87)

313—**Contemporary German Literature.** Four hours. Prerequisite: 203. (102)

315—**Advanced Reading in German.** Four hours. Prerequisite: 203. (103)

321, 322, 323—**Conversation and Composition.** Four hours each. (120, 121, 122)

Prerequisite: 103 and consent of instructor. May be taken concurrently with German 201, 202, 203.

331, 332, 333—**Scientific German.** Four hours each. May be taken after one year of German, with consent of instructor. (125, 126, 127)

401, 402, 403—**Survey of German Literature.** Four hours each. (195, 196, 197)

Prerequisite: German 203, or the equivalent, and consent of the instructor.

SPANISH (Spa)

Burks Reindorp

101, 102, 103—**First Year Spanish.** Four hours credit each. (31, 32, 33)

201, 202, 203—**Second Year Spanish.** Four hours credit each. (81, 82, 83)

Oral and written discourse, with intermediate readings.

301—**Advanced Conversation.** Four hours credit. (100)

Prerequisite: 202, or equivalent, and permission of instructor.

Offered only in the fall quarter.

303—**Phonetics.** Four hours. Prerequisite: 301. (101)

305—**Commercial Spanish.** Four hours. Prerequisite: 203. Designed especially for majors in foreign trade. Letter writing and business forms. (102)

321, 322, 323—**Introduction to Spanish Literature.** Four hours each. (148, 149, 150)

Prerequisite: 203. Offered in alternate years. The reading and discussion of selections of Spanish literature from the beginning down to the early 20th century.

421, 422, 423—**Spanish Drama and Novel of the 19th Century.** Four hours each. (170, 171, 172)

Prerequisite: 203. Offered in alternate years.

431, 432, 433—**Introduction to Spanish-American Literature.** Four hours each. (160, 161, 162)

Major selections from various periods, prose and poetry. Prerequisite: 203.

471—**Customs and Culture of Latin America.** For majors in foreign trade, Spanish, and others. Four hours. (170L)

DEPARTMENT OF GEOGRAPHY

Arthell Kelley, Chairman

Collier Kelley

Geography seeks to understand the relationships between man's activities and the physical characteristics of the earth. It imparts a knowledge and under-

standing of the home region, the state and nation, and of other parts of the world valuable to businessmen and those interested in national and international affairs. During the past two decades the value of geography has been recognized to an unprecedented extent by commercial and industrial enterprises, and federal, state, and city governments. The number of geographic positions has been greatly expanded. Typical job titles are regional, political, economic, or mineral geographer, cartographer, research analyst, conservationist, climatologist, land planner, and city planner.

Requirements for Major

A student majoring in geography may elect one of several alternative plans. He may work toward either the B.A., the B.S. Professional, or the B. S. Non-Professional degree. The student's choice of program should be determined by his plans for the future and in close conjunction with his adviser.

A. Curriculum — College Core

The student working toward either degree must include the appropriate core curriculum subjects for his degree. Core curricula may be found on pages 53 and 56 of this catalog. The student majoring in Geography should elect Geography 103 among his core subjects.

B. Curriculum — Professional Requirements

The student working toward the B.S. Professional degree must include in his program the courses leading toward the Class A teaching certificate.

C. Curriculum — Departmental Requirements

1. General Requirements:

The student wishing to major in geography, regardless of his degree plan, must take 36 hours in the Department of Geography, of which 28 hours must be in courses numbered above 200. Required of all majors are Geography 103, 143, 200, 310, and 370. All majors should have 8 hours in introductory courses, 12 hours in regional courses, 12 hours in functional courses.

2. Students wishing to qualify for government service should have 45 hours in geography.

D. Curriculum — Minor and Electives

In addition to the core requirements, the certification requirements and the departmental requirements, the student must also complete the requirements for a minor, preferably in a related field. Courses not used to fulfill any of these requirements are free electives and may be taken in any department of the college.

Requirements for Minor

The student minoring in geography must take 28 hours in the department, of which 20 hours must be in courses numbered above 200. Recommended for the minor are Geography 103 or 143, 310, and 370.

Courses of Instruction

103—Principles of Global Geography. Four hours. (33)

An introductory course dealing with the elements of geography, both physical and cultural. Student applications of the geographic principles studied in interpreting interests and activities of different peoples.

143—Introductory Economic Geography. Four hours. (43)

A study of the leading occupations, such as hunting, fishing, grazing, forest industries, mining, manufacturing, transportation, and trade, in their regional settings.

200—**Cartography.** Four hours. (100)

A course in methods of representing landscape features and geographic data on maps and graphs. Includes map projections, with student diagrammatic sketching from nature and from maps.

231—**Geography of Mississippi.** Four hours. (131)

Natural regions, soils, products, industries, and people. Map-making from U.S. census statistics.

310 or G310—**Geography of the United States and Canada.** Four hours (110)

A regional study of Anglo-America covering people, resources, products, trade, and world relations.

318—**Geography of South America.** Four hours. (118)

A regional study of Latin America. Intended to acquaint the student with the geography of regions differing from his own.

320—**Geography of the Caribbean Countries.** Four hours.

Mexico, Central America, and the West Indies; physical environment, aboriginal and superimposed European cultures, and economic geography of each country.

338—**Geography of Europe.** Four hours. (138)

A study of the people, resources, products, and possible future development.

339 or G339—**Geography of Asia.** Four hours. (139)

A regional study, with emphasis on India, China, Japan, and Indonesia.

340—**Geography of Africa.** Four hours. (140)

Distribution of physical and cultural factors in the geography of Africa and their consequences in the present-day landscape.

341—**Geography of Australia and Pacific Islands.** Four hours. (141)

Regional geography of Australia and the Pacific Islands as to natural environment, people, resources, land use, industry, and commerce.

360 or G360—**Influences in American Development.** Four hours. (160)

A study of how geography has influenced American history; exploration, settlement, and political, industrial, and social development.

370—**World Political Geography.** Four hours. (170)

A study of the World political situation, present and future, in its relationship to natural environmental backgrounds.

376—**Conservation of Natural Resources.** Four hours. (176)

A study of the problems of conservation of natural resources of the United States and the world, including soil, minerals, natural vegetation, native animals, water, and people.

433—**Geography of Southwest Asia.** Four hours.

Regional geography of the Middle East as to physical environment, people, resources, agriculture, industry and commerce.

437 or G437—**Geography of USSR.** Four hours. (137)

A regional survey of the physical, economic, and cultural geography of the U.S.S.R.

445 or G445—**Industrial and Commercial Geography.** Four hours. (145)

Includes a short survey of geographic principles governing primary, secondary, and tertiary production.

480 or G480—**Climatology.** Four hours. (180)

Analysis of climatic control and elements; climate conditions in each of the continents.

484 or G484—**Urban Geography.** Four hours. (184)

Nature, distribution, principal functions of urban settlements and supporting areas, with emphasis on the United States and local field study.

494 or G494—**Tour of Geographical Places I, II.** One and a half hours each. (194)

Prerequisite: Consent of the instructor. May be taken twice as "I" and "II", but only once for credit toward a major or minor in geography.

A three or four-week conducted tour of places of geographical interest, varied from year to year. Conducted by a regular faculty member, with prepared lectures and study materials.

500—**Seminar in Regional Geography.** Four hours.

571—**Seminar in Political Geography.** Four hours.

604—**Economic and Commercial Geography (Primary and Secondary Production).** Four hours.

608—**Economic and Commercial Geography (Tertiary Production).** Four hours.

706—**History and Development of Geographic Thought.** Four hours.

DEPARTMENT OF GEOLOGY (Gly.)

Olin T. Brown, Chairman

B. Brown DeVries Huff

Students electing geology to satisfy the college one-year science requirement will take Geology 101, 102, and 103. Geology majors must elect a minor in mathematics, physics, biology, chemistry, or general science. For requirements for a general science minor, see core requirements for the Bachelor of Science degree. Students expecting to enter the field of geophysics should complete mathematics through calculus and elect a physics minor.

Except as explained below, all geology majors must include the following courses in their programs of study:

Geology 302 (105)—Invertebrate Paleontology
Geology 303 (106)—Invertebrate Paleontology
Geology 310 (110)—Mineralogy
Geology 314 (100)—Petrology
Geology 330 (130)—Structural Geology
Geology 401 (137)—Principles of Stratigraphy
Geology 419 (119)—Sedimentation
Geology 480 (180)—Geology Summer Camp

Women students are excused from Geology 480 until a permanent camp with suitable quarters and chaperones is available. Certain physically handicapped students may be excused by the department. In either case the department will require the student to offer nine quarter hours of specified work in substitution for Geology 480.

For the work of the first two years see catalog section on the core curricula. Majors should complete one year of Chemistry, either one year of Biology or Geology 301 (Biology 209) plus mathematics through trigonometry during the freshman and sophomore years.

Junior Year

Physics 101, 102, and 103, or 201, 202, and 203	12
Geology 310, 314, 330, 401, and 419	20
Physical education or health	(no credit)
[1]Minor field	12
[2]Electives	8
	52

Senior Year

Geology 401	4
Geology electives numbered above 300 (to be selected from Geology 311, G402, G403, G461, G468, and G469	12
[1]Minor and electives	36
	52

[1]Students planning to specialize in paleontology and stratigraphy should elect a biology minor, or include one year or more of biology if electing the general science minor. The student is cautioned that he must have a total of 68 hours numbered above 300 to be eligible for graduation. In addition, it should be remembered that French and German are required by many graduate schools.

COURSE DESCRIPTIONS

101 (F-W-Sp-Sum)—**Physical Geology.** Four hours. (44)

Three lectures and two hours laboratory each week.

An introduction to earth science, including the physical processes responsible for shaping the major features of the landscape. Laboratory study of common minerals and rocks, and topographic maps.

102 (F-W-Sp)—**Elementary Physiography.** Four hours. (45)

Three lectures and two hours lalboratory each week.

Prerequisite: Geology 101.

A study of land forms, their origin, structure, and relationship to the geologic processes at work, accounting for the relief of the earth's surface. Laboratory study of selected topographic and physiographic maps.

103 (F-W-Sp-Sum)—**Historical Geology.** Four hours. (46)

Three lectures and two hours laboratory each week.

Prerequisite: Geology 101.

A study of earth history as revealed in the character and fossil content of rocks. One field trip for collecting fossils. Laboratory study of fossils, geologic maps, structure sections, and columnar sections.

260 (F)—**Introduction to Minerals and Rocks.** Four hours. (60)

Two hours lecture and one four-hour laboratory.

Prerequisite: Geology 101, Mathematics 103, and Chemistry 101 or 121.

Elementary crystallography. Elementary phase study. Sight recognition of the more common minerals. Intensive study of the diagnostic rock forming minerals. Introduction to sedimentary rocks.

301 (F)—**Invertebrate Zoology.** Four hours. (102)

For description see Biology 209.

302 (W)—**Invertebrate Paleontology.** Four hours. (105-405)

Two lectures and four hours laboratory each week.

Prerequisite: Geology 103 and Biology 101, 102, or Biology 209.

An introductory study of invertebrate fossils from the Protozoa through Mollusca with attention to taxonomy, morphological features, geologic distribution, and paleoecology of the important ordinal groups.

303 (Sp)—**Invertebrate Paleontology.** Four hours. (106-406)

Two lectures and four hours laboratory each week.

Prerequisite: Geology 302.

An introductory study of invertebrate fossils from the Annelida through the Conodontophoridia with attention to taxonomy, morphological features, geologic distribution, and paleoecology of the important ordinal groups.

310 (W)—**Mineralogy.** Four hours. (110)

Two hours lecture and two two-hour laboratory periods.

Prerequisite: Geology 260, Chemistry 122, 123, or Chemistry 102, 103.

Physical, descriptive, chemical and determinative mineralogy. Emphasis is placed on mineral identification. The more important mineral species will be studied in detail.

311 (Sp)—**Mineralogy.** Four hours. (111)

Three hours lecture and two hours laboratory.

Prerequisite: Mineralogy 310.

Advanced crystallography, crystallographic notation including stereographic and gnomonic projection and an introduction to optical mineralogy.

314 (W)—**Petrology.** Four hours. (100)

Two hours lecture and four hours laboratory each week.

Prerequisite: Geology 260.

A study of the origin, description and classification of igneous, sedimentary, and metamorphic rocks.

330 (W)—**Structural Geology.** Four hours. (130)

Three hours lecture and two hours laboratory each week.

Prerequisite: Geology 103 and Mathematics 103.

A study of the mechanical principles of rock deformation and secondary structures including folds, joints, faults, cleavage, lineation, and regional and local tectonics.

353 (Sp)—**Plane Table Mapping.** Four hours. (153)

Seven hours field work and one hour classroom instruction each week.

Prerequisite: Geology major, upper class standing, and permission of instructor.

Fundamental methods used in topographic mapping. Local areas assigned for mapping and contouring to scale. Instruction by individual assignments.

401 (F)—**Principles of Stratigraphy.** Four hours. (137)

Four lectures per week.

Prerequisite: Geology 310, 314, 330, and 419.

A history and analysis of stratigraphic principles. Emphasis on stratigraphic procedures, sedimentary facies stratigraphic nomenclature, principles of correlation, methods of paleography and tectonics. A one day field trip required.

402-G402 (W)—**Stratigraphy of North America.** Four hours. (138)

Prerequisite: Geology 401.

A study of rocks ranging from the Precambrian through the Paleozoic.

403-G403 (Sp)—**Stratigraphy of North America.** Four hours. (139)

Prerequisite: Geology 401.

A study of rocks of Mesozoic and Cenozoic age.

419-G419 (Sp)—**Sedimentation.** Four hours. (119-419)

Two lectures and four hours laboratory each week.

Prerequisite: Geology 101, 103, and 260.

A concentrated study of weathering, transportation, deposition, and lithification of sedimentary materials. Regional and local sediments investigated, classified, and mechanically treated with laboratory apparatus. Microscopic analysis of selected samples.

422 (Sp)—**Petroleum Geology.** Four hours. (122)

Three hours lecture and two hours laboratory each week.

Prerequisite: Senior standing in geology, Geology 303, 310, 314, 330, and G419.

The origin, occurrence, migration and accumulation of oil and gas.

425-G425 (W)—**Advanced Physiography.** Four hours. (125)

Three hours lecture and two hours laboratory each week.

Prerequisite: Geology 101 102, 103, and 260.

An advanced course stressing the origin of major order relief features, namely continents and ocean basins, physiographic provinces (constructional land forms), and the third order destructional forms.

445 (Sp)—**Economic Geology.** Four hours. (145)

Two hours lecture and four hours laboratory each week.

Prerequisite: Geology 310, 314, and 330.

Principles of ore deposits. Introduction to fuels and non-metallic mineral deposits. Practice in oral and written technical reporting.

452-G452—**Physical Marine Geology — Gulf Coast Research Laboratory.** 1½ Hr. Per Wk. (144)

Prerequisite: Geology 103, 310, and 419.

A general introduction to the physical processes at work on the shores of Mississippi Sound with emphasis on the erosional and depositional effects of waves and currents at different stages of tide. Several beaches will be periodically surveyed to measure changes in shape, height and sand-size distribution and to observe growth and destruction of bars, cusps, spits, and tidepools. A spit near the laboratory will be studied in detail at low tide to determine changes in height, cross-section and lateral shift.

453-G453—**Chemical Marine Geology — Gulf Coast Research Laboratory.** 1½ Hr. Per Wk.

Prerequisite: Geology 103, 310, 419, and Chemistry 201 and 203.

Supervised research in the chemistry of the waters of Mississippi Sound and the geochemistry of the bottoms beneath those waters. Rapid volumetric and colorimetric techniques will be used to detect lateral, vertical and tidal changes in water composition on successive days. Analyses will also be made of cored samples taken from bottoms of shrimp muds, tidal channels and sandy shelves.

454-G454—**Problems in Marine Sedimentation — Gulf Coast Research Laboratory.** 1½ Hr. Per Wk.

Prerequisite: Junior or Senior Geology Major and permission of the instructor.

Supervised study of selected aspects of marine sedimentation along the Gulf Coast.

461-G461 (Sp)—**Petrography.** Four hours. (161-461)

Two hours lecture and four hours laboratory each week.

Prerequisite: Geology 311 and 314 (Physics 341 for graduate credit).

Systematic study of rocks by means of the polarizing microscope.

468-G468 (F)—**Micropaleontology.** Four hours. (168)

One hour lecture and six hours laboratory each week.

Prerequisite: Geology 302 and 303.

Taxonomy, morphology, and stratigraphic use of microfossils. Emphasis on Foraminifera from formations of the Cenozoic Period of the Gulf Coastal Region.

469-G469 (W)—**Micropaleontology.** Four hours.

One hour lecture and six hours laboratory.

Prerequisite: Geology 302, and 303.

Taxonomy, morphology, and stratigraphic use of microfossils. Emphasis on Ostracoda from formations of the Cenozoic Period of the Gulf Coastal Region.

480 (Sum)—**Geology Summer Field Camp.** Nine hours. (180)

One and one-half hours credit per week in the field.

Prerequisite: Geology 260, 302, 303, 330, 353, 401 and G419, and upper class standing.

Designed to give experience in solving stratigraphic, paleontologic, and

structural problems in the field. Introduction to field methods, instrumentation, and collection of field data and specimens.

491-G491 (Sum)—**Field Geology of Mississippi.** Four hours. (191)

Minimum of eight hours field and instructional work each week.

Prerequisite: Geology 101, 103, 260, 302, 303, 330, and permission of instructor.

Direction in the study of geology of the State of Mississippi and adjacent areas (Alabama and Tennessee), with field trips to selected stratigraphic localities. Lectures, discussions, and reading assignments preparatory to field studies.

485 (F-W-Sp)—**Special Problems in Geology.** Two hours. (195)

Prerequisite: Permission of the department head.

Independent study or research, to provide an opportunity for well-qualified advanced students to pursue supervised individual work in fields of special interest.

504—**Ore Deposits.** Four hours.

Lectures, conferences, oral and written reports.

Prerequisite: Geology 445 and permission of the instructor.

A critical study of the genetic mechanisms proposed for the various ore deposits inclusive of those little known, but which offer promise of extending known mineral reserves.

506—**Theoretical Petrology.** Four hours.

Lectures, conferences, oral and written reports.

Prerequisite: Physical Chemistry and permission of instructor.

The genesis of rocks is treated from the standpoint of fundamental principles of physical chemistry and geochemistry. Emphasis will be placed on magmatites and migmatites, but aqueous systems involved in diagenesis, hydrothermal activity, diffusion, and colloidal deposition will also be considered.

508—**Sedimentary Petrography.** Four hours.

Two hours lecture and four hours laboratory.

Prerequisite: Geology 260 and 310.

A study of the composition, texture, genesis, paleoecology, diagenesis and classification of sedimentary rocks in hand-specimen, disaggregated samples and in thin-section.

511—**Pleistocene Geology.** Four hours.

Lectures, reference assignments and discussions.

Prerequisite: Geology 425 and permission of instructor.

Development of the Glacial theory. Direct and indirect effects of Glaciation. Implications for the future.

512—**Engineering Geology.** Four hours.

Two hours lecture, solution of problems, oral and written reports, and field trips.

Prerequisite: Mathematics 375.

The graduate geologist is introduced to the practice of geological engineering. Special consideration is given to techniques of mineral exploration, subsurface installations, large scale surface construction, terrain study, military geology, rock and soil geotechnics, and permafrost.

514—**Geology of Groundwater.** Four hours.

Two hours lecture, solution of problems, oral and written reports, and field trips.

Prerequisite: Geology 401.

A study of the qualitative and quantitative aspects of groundwater as they relate to geologic factors. Groundwater is also considered as an important agent in processes affecting ore deposits, diagenesis, localization of petroleum, and geomorphology.

560—**Biostratigraphy.** Four hours.

Three hours lecture and two hours laboratory.

Prerequisite: Geology 302, 303, and 401.

A study of fossils with respect to age and environment. Emphasis on faunal groups from major stratigraphic units of the geological time scale of North America.

569—**Gulf Coast Stratigraphy.** Four hours.

Lectures, reference assignments, field trips, laboratory study and discussions.

Prerequisite: Geology 401.

A study of the Gulf Coast Geosyncline and stratigraphic problems of the Gulf Coastal Region. Emphasis on formations of the Tertiary Period of Texas, Arkansas, Louisiana, Mississippi, and Alabama.

591—Seminar. Two hours.

Only two seminar hours credit allowed toward the Master's program.

594—**History of Geology.** Two hours.

A chronological development of the science of geology with emphasis upon outstanding personalities and their contributions.

*(F) Offered Fall Quarter.
(W) Offered Winter Quarter.
(Sp) Offered Spring Quarter.
(Sum) Offered Summer Quarter.

DEPARTMENT OF HISTORY AND GOVERNMENT

Leon A. Wilber, Chairman

A student majoring in history or government may elect one of three plans. He may work toward the B.A., the B.S. with a teacher's license for secondary schools, or the B.S. with a related minor. The student's choice of program should be determined by his plans for the future and in close conjunction with his adviser.

A. Curriculum—College Core

The student working toward any degree must include the appropriate core curriculum subjects. Core curricula may be found on pages_____and_____ of this catalog. The student majoring in history should select History 101 and 102 or History 151 and 152 among his core subjects. A student majoring in government should elect Government 101 among his core subjects.

B. Curriculum—Professional Requirements

The student working toward the B.S. degree with a secondary school teacher's license must include in his program the courses leading toward the Class A teaching certificate.

C. Curriculum—Departmental Requirements

1. General Requirements:

The student wishing to major in history or government, regardless of his degree plan, must take 36 hours in the same subject. Required of all history majors are History 101, 102, 151, and 152.

2. Requirements for secondary school teacher's license:

In addition to the major and the prescribed professional courses, students seeking teachers' licenses should elect Economics 200 (or 251 and 252), Geography 370, Government 101, History 367, and Sociology 103 or 201.

D. Curriculum—Minor and Electives

In addition to the core requirements, and the departmental requirements, the student must also complete the requirements for a minor, preferably in a related field. Courses not used to fulfill any of these requirements are free electives and may be taken in any department of the college. Education will normally be the minor for a student seeking a teacher's license.

Requirements for Minor

The student minoring in history or government must take 28 hours in the same subject. The student is given free choice of courses to be taken, but History 101 and 102 are prerequisites for advanced European History courses, and History 151 and 152 are prerequisites for advanced U.S. History courses.

Requirements to teach social studies as a second field.

Students wishing to teach social studies (in high school) as a second field should take the following courses:

History 101, 102, 151, and 152	16
Secondary Education 451L	4
Government 101	4
Economics 200 (or 251 and 252)	4
Sociology 103 or 201	4
Geography 370	4
Social studies elective	4

This list is designed to cover the principal fields a teacher might be called upon to teach. It does not meet requirements for a minor, however, since for a minor a student must take 28 hours in the same subject.

GOVERNMENT (Gov)

Brent, Stephenson, Wilber

(1) Government 101 should normally be the first course taken.

(2) Students desiring a complete survey of government in the United States should take courses 101, 301, 303, and 305.

(3) Economics 400 and Business Administration 315 may be elected as government for meeting requirements for major or minor if approved by the student's adviser.

(4) History 405, 411, 469, and 470 may be elected as courses in government for meeting requirements for major, if approved by the student's adviser.

101—**American Government.** Four hours. (25)

A survey of our national government, with some related study of Mississippi courts and the state election system.

301-G301—**State Government.** Four hours. (130 or 430)

A study of the organization and administration of state governments, with some emphasis on Mississippi.

303-G303—**American Municipal Government.** Four hours. (135 or 435)

A study of the principal systems of municipal government in the United States, with emphasis on Mississippi.

305-G305—**County Government.** Four hours. (100 or 400)

A study of local rural government, with some emphasis on Mississippi.

350-G350—**Comparative Government.** Four hours. (150 or 450)

A survey of the principal types of government abroad, especially British, French, and Russian.

405-G405—**Cold War Issues.** Four hours.

The same as History 405-G405.

406-G406—**American Political Parties and Pressure Groups.** Four hours. (106 or 406)

A survey of party structures, problems and the methods of political leaders. Also a survey of present pressure groups and their methods.

411-G411—**English Constitutional History.** Four hours.

The same as History 411-G411.

429—**Public Finance.** Four hours. (129)

The same as Economics 400 or G400.

445—**Current Problems in Citizenship.** Four hours. (145)

A study of current problems before the national, state, and local governments at the time the course is taught. Different problems are studied in different years.

447—**Government and Business.** Four hours. (147)

The same as Business Administration 315.

457-G457—**International Politics.** Four hours. (157 or 457)

A study of the methods and forces involved in international political struggles.

458-G458—**International Organization.** Four hours.

A study of the principal types of international organization, and of examples of the same, such as the United Nations and the Organization of American States.

460-G460—**Public Administration.** Four hours. (160 or 460)

An introductory study including administrative organization, personnel management, and fiscal management.

469-G469—**U. S. Constitutional History to 1861.** Four hours.

Same as (History 469-G469).

470-G470—**U. S. Constitutional History since 1861.** Four hours.

The same as History 470-G470.

485-G485—**International Law.** Four hours. (185 or 485)

A sampling of the field, based largely on cases.

510—**Mississippi State and Local Government.** Four hours. (714)

A concentrated study of Mississippi state, county, and municipal government.

554—**Seminar in Problems in Mississippi Government.** Four hours.

Each student will study one problem or department of Mississippi government and report to the class. The instructor fills in gaps if necessary.

592—**I, II, III. Special problems.** 1 hour credit, each. (535)

The student works individually on a problem in government under the supervision of a graduate faculty member.

HISTORY (Hist)

Brent, Davis, DeRosier, Fike, Gonzales, Jackson, McCarty, Wilber

Introductory Notes

Several courses are parts of sequences, and an entire sequence should usually be taken if any part is taken. These sequences are History 101 and 102, History 151 and 152, History 461 and 463, and History 475 and 477.

Economics 310 and Religion 205, 401, and 402 may be elected as history if approved by the student's adviser.

101—**World Civilization to 1648 A.D.** Four hours (27)

A study of the cultures of ancient and medieval peoples, including those of the Middle East, Europe, India, China, and America. Cultural aspects are emphasized more than political history. Intended to be of value to the general student as well as to history majors. (Required of history majors.)

102—**World Civilization Since 1648 A.D.** Four hours. (28)

A continuation of History 101, with emphasis in the latter half upon the twentieth century. (Required of history majors.)

151—**American History to 1877.** Four hours. (61)

A study of some of the most important movements in the history of the United States. Students will read and analyze the major primary and secondary sources relating to each movement. (Required of history majors.)

152—**American History Since 1877.** Four hours. 62)

A continuation of History 151. (Required of history majors.)

301-G301—**Greek Culture.** Four hours. (160 or 460)

A study of the literature, art, politics, religion, and philosophy of the ancient Greeks. Emphasis on the Age of Pericles.

303-G303—**Roman Culture.** Four hours. (162 or 462)

A study of the Roman Republic and the early Roman Empire, covering literature, religion, art, philosophy, jurisprudence, administration and political institutions—especially the last three.

305-G305—**The Middle Ages.** Four hours. (164 or 464)

An advanced course in European history from the end of the western Roman Empire to the beginning of the Renaissance.

307-G307—**Renaissance.** Four hours. (165 or 465)

An interpretive study of causes and main currents of the Renaissance, including humanism, literature, and the arts.

309-G309—**Reformation.** Four hours. (166 or 466)

A thorough study of the Reformation and Counter-Reformation, including the effects to the present time.

311-G311—**The Age of Absolutism.** Four hours. (167 or 467)

A survey of the principal political, economic, social, and intellectual developments in Europe from 1648 to 1789.

313-G313—**French Revolution and Napolean, (1789-1815).** Four hours. (173 or 473)

A study of the forces and developments of the French Revolution in detail with emphasis upon those forces that affected Europe and the Western world.

315-G315—**Age of Nationalism and Liberalism (1815-1870).** Four hours. (168 or 468)

An advanced study of the age of developing nationalism in Europe with special emphasis on political, social and economic philosophy.

317-G317—**Age of Imperialism (1870-1918).** Four hours. (169 or 469)

A survey of the diplomatic and political conditions in Europe that led to the international rivalry which resulted in the first World War. The War itself is discussed in some detail.

319-G319—**The Versailles Era (1919-1939).** Four hours. (170 or 470)

The creation, deterioration and destruction of the European system as set up in the Treaty of Versailles. A survey of European developments from 1919 to 1939.

321-G321—**World War II to the Present.** Four hours. (186)

Europe and the world from 1939 to the present.

351-G351—**The Colonial Period in American History, 1492-1763.** Four hours. (132 or 432)

A study of the settlement and growth of the British, French, and Spanish

colonies in North America until the end of the French and Indian War. Major emphasis is placed on the political and economic development of these colonies.

353-G353—**The Emergence of a New Nation, 1763-1800.** Four hours. (133 or 433)

A study of the origins and course of the American Revolution, the successes and failures of the Confederation government, the Constitutional Convention of 1787, and the Federalist era with special attention to Jefferson and Hamilton.

355-G355—**The Age of Jefferson and Jackson, 1801-1848.** Four hours. (134 or 434)

A study of the growth of nationalism and democracy in the United States from 1801 to 1848.

357-G357—**Civil War and Reconstruction.** Four hours. (140 or 440)

An intensive study of the period from 1861 to 1877.

359-G359—**Foundations of Modern America, 1877-1920.** Four hours. (143 or 443)

A study of the passing of the frontier, the rise of new industry and the new immigration, the Populist and Progressive movements, and the increasing participation of the United States in Asian, Latin-American, and European affairs.

361-G361—**Contemporary American History.** Four hours. (142 or 442)

American history since 1920. Social, economic, and cultural development, and political events.

367—**Mississippi History.** Four hours. (109)

A study of the political, economic, and social development of the state since 1817. (Required of history majors seeking teachers' licenses.)

401-G401—**History of Russia to 1917.** Four hours. (171 or 471)

Political, economic, and cultural history of Imperial Russia from the Kievan period to the 1917 Revolution.

403-G403—**History of Russia since 1917.** Four hours. 176 or 476)

A study of Soviet history and institutions from 1917 to the present, including Soviet foreign policy and objectives.

405-G405—**The Cold War Issues.** Four hours. (111 or 411)

An analysis of Marxist objectives, strengths and weaknesses, and of the Communist strategy and tactics; and an analysis of the Free World's response to the foregoing.

407-G407—**Early English History.** Four hours. (174 or 474)

A survey of ancient and medieval England to 1603, with emphasis on customs, literature, and institutions.

Recommended for English majors.

409-G409—**Modern English History.** Four hours. (175 or 475)

A study of England beginning with the Stuarts. Emphasis on development of political institutions, the Industrial Revolution, and imperialism.

411-G411—**English Constitutional History.** Four hours. (190 or 490)

A study of the development of English political institutions from Anglo-Saxon times to the establishment of the British Commonwealth of Nations.

May be elected as government for a major or minor. Especially recommended for prelaw students.

413-G413—**Survey of Western Intellectual Development.** Four hours. (156 or 456)

A survey of western intellectual development outside the United States from 1400 to the present. Includes humanism, growth of science, mercantilism, the Age of Reason, romanticism, liberalism, socialism, and nationalism.

415-G415—**The Far East Since 1853.** Four hours. (172 or 472)

An historical study of Siberia, China, Japan, southeastern Asia, and the Pacific islands. Diplomacy, cultural and economic developments, and nationalism.

417-G417—**Middle East and Africa since 1800.** Four hours.

A cultural analysis of the Middle East and Africa, and the political evolution from imperialism to the emergence of national states.

451-G451—**American Intellectual and Social Development to 1865.** Four hours. (151 or 451)

A study of the intellectual and social forces that have influenced American thought and action. Emphasis on such topics as the influence of racial stocks, and development of religion, literature, science, art, architecture, music, recreation and political and economic thought.

453-G453—**American Intellectual and Social Development Since 1865.** Four hours.

A continuation of History 451.

455-G455—**History of the Old South.** Four hours. (138 or 438)

A reading, research, and discussion course on the ante-bellum South. Special attention given to slavery, plantation life, and manners and customs.

457-G457—**History of the New South.** Four hours. (141 or 441)

A study of the South since 1877. Covers social, economic, cultural, and political developments. Special attention to Bourbon rule, the Agrarian revolt and developments during the twentieth century: political, industrial, and educational.

461-G461—**Latin-American History to 1830.** Four hours. (126 or 426)

A study of the political, economic, and cultural development of the Latin-American countries from the colonial period to 1830.

463—**Latin-American History since 1830.** Four hours. (127)

A study of the political, economic, and cultural development of the Latin-American countries from 1830 to the present, with some emphasis on inter-American relations.

469-G469—**Constitutional History of the United States.** Four hours. (179 or 479).

An historical study of the development of American constitutional law, largely based on cases.

May be elected as government for a major or minor. Especially recommended for prelaw students.

470-G470—**Constitutional History of the United States since 1861.** Four hours.

An historical study of the development of American constitutional law, largely based on cases. A continuation of History 469-G469.

May be elected as government for a major or minor. Especially recommended for pre-law students. (Not open to students who took History 179 or 479 prior to 1960 due to partial duplication of the courses.)

473-G473—**The West in American History.** Four hours. (153 or 453)

An advanced study of characteristics of the frontier, and of the influences of the frontier on American life and culture.

475-G475—**American Foreign Relations to 1898.** Four hours. (128 or 428)

A survey of U. S. foreign policy from the Revolution to 1898. Emphasis on the Monroe Doctrine and problems of expansion.

477-G477—**American Foreign Relations since 1898.** Four hours. (129 or 429)

A continuation of History 475. Emphasis on imperialism, the World War, and U. S. relations with international organizations.

500—**Historiography.** Four hours.

510—**European Diplomacy, 1870-1919.** Four hours. (562)

512—**Seminar in Recent European and Asiatic History.** Four hours. (575)

527—**Seminar in American-Soviet Relations.** Four hours. (577)

550—United States Foreign Relations Today. Four hours.
552—Seminar in Southern History. Four hours.
554—Biographical History of the United States. Four hours. (548)
570—Seminar in American History, 1607-1877. Four hours.
571—Seminar in American History, since 1877. Four hours.
592—I, II, III. Special Problems. 1 hour each. (535)
598—Thesis. Six hours. (514B)

DEPARTMENT OF JOURNALISM (Jou.)

Frank W. Buckley, Chairman
Logan, Moncrief

The Department of Journalism offers professional training leading to a Bachelor of Arts or a Bachelor of Science degree. A student must complete thirty-six quarter hours in Journalism to qualify for a major in the field. A minor requires twenty-eight hours. Students may also schedule journalism courses to satisfy avocational interests.

Required courses for majors interested in the editorial sequence are 103, 201, 231, 301, 303, 400, 401, 402. Students interested in Public Relations should also take 202, 331, 421, and 422. All majors and minors are required to do practical work on THE STUDENT PRINTZ. Others are invited to join the staff.

Suggested Curriculum for a Major in Journalism

Freshman and Sophomore Years

Courses listed in College Core	Hours
Journalism 101, 102, 103	10
Journalism 201, 202, 231	6

Junior and Senior Years

Journalism 301, 303	8
Journalism 400, 401, 402	12
Minor	28

Electives to complete 192 hours.

101—Introduction to Journalism. Two hours (56)

History, organization, techniques and responsibilities of the media of mass communication, with emphasis on the newspaper. A first course for those students who have had little or no journalistic experience at the high school level.

102—Beginning Reporting. Four hours. (57)

The study of gathering news and writing simple news stories. Study of leads, story structure, rewrites, follow-up assignments, polishing stories.

103—Intermediate Reporting. Four hours. (58)

Writing of complex and special story types: Speeches, conventions, interviews, law courts, business, government, politics, criticism, features, society, sports, and others.

201—Introduction to Newspaper Advertising. Two hours. (76)

Preparation of advertising copy. Rate structures. Promotion and selling for the weekly and daily press.

202—Newspaper Advertising. Two hours. (140A)

Continuation of 201.

231—Beginning Photography. Two hours. (75)

Essentials of news photography and its place in the news field. Use of the simpler cameras, and the developing and printing of pictures. Elements of writing cutlines and captions.

301—**Copy Reading.** Four hours. (134)

Introduction to copy reading, headline writing and makeup. Intensive practice in the principles and techniques of copy reading.

303—**Newspaper Design and Make-up.** Four hours. (136)

A study of the principles and mechanics of makeup, including a brief history of printing and a study of typography. Practice in fitting together news stories and illustrations to form an attractive, inviting paper.

311, 312, 313—**Feature Writing.** Two hours each quarter. (178A)

Procedure and practice in gathering material and writing feature stories.

321—**Supervision and Direction of Publications.** Two hours. (157)

A practical course for prospective teachers of high school English, social studies, or commerce who may be assigned to the sponsorship of the school newspaper.

322—**Yearbook Production.** Two hours. (158)

A study of the school yearbook and other annual publications. Place of the school yearbook in the school; problms of the supervisor and principal; policies and practices, editorial and business.

331—**Press Photography.** Four hours. (130)

Advanced developing and printing of photographs. Illustrating the news, advanced reporting with a camera, evaluation of news photographs.

332—**Advanced Press Photography.** Four hours. (131)

Working with the engraver. Pictures for wire transmission. Picture editing. Problems and trends in photography for the modern newspaper and picture magazine. Discussion of latest techniques, including color.

341, 342—**Newspaper Advertising.** Two hours each quarter. (140B) (140C)

Principles and functions of advertising with emphasis on selling and promotion, preparation of advertising copy and layouts for newspapers, problems of the small daily and weekly: Servicing accounts, building linage, campaigns, and special pages.

400—**History of Journalism.** Four hours. (185)

Development of the newspaper in the United States from 1690 to present. The relationship of social, political, and economic factors to the evolution of the American press.

401—**Law of Press and Radio.** Four hours. (180)

A study of the precedents and present laws governing the press, radio, advertising and photography. Libel, privilege, right of privacy and constitutional guarantees. Mass communications responsibility.

402—**Advanced Reporting.** Four hours. (150)

A study of interpretative reporting. Completing the account, explanations, predictions, providing perspective. Current news problems.

403—**Specialized Reporting.** Four hours. (151)

Governmental affairs get major emphasis. Labor, science, business, agriculture, social problems, sports, society and home economics are also covered.

421—**Public Relations.** Four hours. (165)

Total relationship of the institution to its audiences. Origin and development of public relations.

422—**Publicity Methods.** Four hours. (170)

An analysis of the media of communication and their relation to publicity. Mechanics of news releases, press conferences, photographs. Publicity function in the public relations department.

481, 482, 483—**Weekly Newspaper Editing and Management.** Two hours each quarter.

Functions and responsibilities of the community newspaper. Editorial and business policies. Income sources, circulation problems, production, equipment.

DEPARTMENT OF MATHEMATICS (Mat.)

B. O. Van Hook, Chairman

Bailey, Carter, Felder, Ferguson, Karolyi, Lambright, Lewis, Munn, Nicholson, Russum, Sanders, Sharpe, Sowell, Tramel, Smith, Zimmerman

The Department of Mathematics offers a major or minor for students who are candidates for the Bachelor of Arts or the Bachelor of Science degree. The courses required for a major or minor are listed below by groups, in order to facilitate the proper selection of sequences of courses.

(a) Mathematics, 275, 375, 376, 377

(b) Mathematics, 401, 402, 403, 404, 405, 406, 407, 408, 411, 421, 431, 432, 441, 471, 472, 473

(c) Mathematics, 101, 261, 301, 320, 345

Requirements for Majors:

	Hours
(1) All courses listed in group (a)	16
(2) At least five courses selected from group (b)	20
Total	36

Recommendations for Minors:

(1) All courses listed in group (a)	16
(2) At least three courses selected from group (b) or (c)	12
Total	28

The following courses are strongly recommended for:
Prospective high school teachers — Mathematics 401
Prospective elementary teachers — Mathematics 100, 261
Majors in business administration, economics, or sociology — Mathematics 112, 320, and 345
Majors in geology — Mathematics 248

100—Basic Mathematics. Four hours. (21)

An elementary treatment of fundamental concepts including logic, the number system, ratio and proportion, percentage, operation and computation, exponents, linear equations, and elementary statistical procedures.

101—College Algebra I. Four hours. (31)

A first course in college algebra.

102—College Algebra II. Four hours. (32)

A second course in college algebra; a continuation of Mathematics 31.

103—Plane Trigonometry. Four hours. (35)

110—Spherical Trigonometry. Four hours. (36)

Prerequisite: Mathematics 103.

112—Algebra for Statistics. Four hours.

Rounding numbers, percentage, annuities, time payments, ratio and proportion, inequalities, rational and irrational roots, progressions, mathematical induction, binomial theorem, permutations, combinations, probability, and insurance.

247—Use of Slide Rule. Two hours. (47)

A study of the use of the slide rule in the fundamental operations of multiplications, division, squares, square roots, powers, logarithms, sines, cosines, tangents, and cotangents.

248—Plane Surveying. Four hours. (48)

Prerequisite: Mathematics 103.

Theory and practice in the use of instruments of surveying, measurement of

horizontal and vertical distances, angles, traverse, curvilinear and topographic surveys, triangulation, measurement of latitude, longitude, azimuth, and time.

261—**Mathematics of Finance.** Four hours. (60)

Prerequisite: A knowledge of geometric progressions and logarithms.

A course in mathematical principles of such things as building and loan associations, sinking funds, bonds, investments, life insurance, installment buying, and amortization of debts.

262—**Mathematics of Finance.** Four hours. (61)

Prerequisite: Mathematics 261.

A continuation of Mathematics 261.

275—**Analytic Geometry.** Four hours. (75)

Prerequisite: Mathematics 103.

301—**Analytic Geometry of Three Dimensions.** Four hours. (76)

Prerequisite: Mathematics 275.

A continuation of Mathematics 275.

320-G320—**Elementary Statistics.** Four hours. (120)

Prerequisite: Mathematics 101 or 102.

A study of statistical series, frequency distribution, measures of central tendency, dispersion and skewness, trend, seasonal and cyclical variation, linear correlation, the normal curve, index numbers, presentation of data, collection of data, and sampling.

338-G338—**The History of Mathematics.** Four hours. (138)

Prerequisite: Mathematics 275.

A study of the development of mathematical concepts.

345-G345—**Statistics.** Four hours. (145)

Prerequisite: Mathematics 320-G320.

Average, dispersion, skewness, regression lines and planes, simple correlation, linear and non-linear trends, and normal curve.

375—**Differential Calculus.** Four hours. (175)

Prerequisite: Mathematics 275.

376—**Intergral Calculus.** Four hours. (176)

Prerequisite: Mathematics 375.

A continuation of Mathematics 375.

377—**Calculus.** Four hours. (177)

Prerequisite: Mathematics 376.

A continuation of Mathematics 376, emphasizing the application of differential and integral calculus.

401-G401—**Geometry.** Four hours. (178)

Prerequisite: Mathematics 275.

An extension of the study of Euclidean geometry with modern implications.

402-G402—**Theory of Equations.** Four hours. (180)

Prerequisite: Mathematics 375.

403-G403—**Introduction to Modern Algebra.** Four hours. (181)

Prerequisite: Mathematics 402-G402.

Theory of groups, rings, ideals, integral domains, and fields with application.

404-G404—**Matrix Theory.** Four hours. (179)

Prerequisite: Mathematics 102, 275.

Matrix algebra, linear transformations, Cayley-Hamilton Theorem, similarity, applications.

405-G405—**Differential Equations.** Four hours. (185)

Prerequisite: Mathematics 377.

Simple types of ordinary differential equations of the first and second order, linear equations with constant coefficients, and applications to geometry and physics.

406-G406—**Numerical Analysis I:** Four hours. (186)

Prerequisite: Mathematics 405-G405 (405-G405 and 406-G406 may be taken concurrently)

Numerical solution of alegbraic and transcendental equations. A study of finite differences, interpolation, numerical integration, and various types of approximations.

407-G407—**Number Theory.** Four hours. (188)

Prerequisite: Mathematics 402-G402. (may be taken concurrently).

An introduction to the theory of numbers—integers, aliquot parts, Diophantine equations, linear congruences, the Chinese remainder theorem, continued fractions.

408-G408—**Introduction to Mathematical Statistics.** Four hours. (189)

Prerequisite: Mathematics 320-G320 and Mathematics 377.

Multiple and partial correlation, analysis of variance, non-parametric methods, testing statistical hypothesis, statistical design in experiments, and sequential analysis.

411-G411—**Vector Analysis.** Four hours. (183)

Prerequisite: Permission of instructor.

Vector algebra and vector calculus, with applications to physics, mechanics, and geometry.

421-G421—**Foundations of Mathematics I.** Four hours. (184)

Calculus of sets, equivalence of sets, arithmetic of cardinal and ordinal numbers.

431-G431—**Theory of Functions of a Complex Variable.** Four hours. (190)

Prerequisite: Permission of instructor.

Complex numbers, analytical functions, infinite series, Cauchy's integral Theorem, analytic continuation. Riemann surfaces, conformal mapping.

432-G432—**Theory of Functions of a Real Variable.** Four hours. (192)

Prerequisite: Permission of instructor.

Real number system, point set theory, Lebesgue integration, Stieltjes integrals.

441-G441—**Advanced Calculus.** Four hours. (187)

Prerequisite: Mathematics 377.

Infinite series, continuity, limits, Gama and Beta functions, and vector analysis. Fourier series.

471-G471—**General Topology.** Four hours. (193)

Prerequisite: Permission of instructor.

Topological spaces, separation properties, compact sets, connected sets, product spaces.

472-G472—**Algebraic Topology.** Four hours. (194)

Prerequisite: Permission of instructor.

Introduction to cohomology.

473-G473—**Metric Spaces.** Four hours. (196)

Prerequisite: Mathematics 471-G471.

Separable metric spaces, embedding in separable Hilbert Spaces, isolated theorems on metric spaces, including Lavrentiev's Theorem.

501—**College Geometry II.** Four hours. (578)

Prerequisite: Mathematics 401-G401.

503—**Modern Algebra II.** Four hours. (581)

Prerequisite: Mathematics 403-G403.

505—**Differential Equations II.** Four hours. (585)
Prerequisite: Mathematics 405-G405.

521—**Foundations of Mathematics II.** Four hours. (584)
Prerequisite: Mathematics 421-G421.

531—**Theory of Functions of a Complex Variable II.** Four hours. (590)
Prerequisite: Mathematics 431-G431.

532—**Theory of Functions of a Real Variable II.** Four hours. (592)
Prerequisite: Mathematics 432-G432.

541—**Advanced Calculus II.** Four hours. (587)
Prerequisite: Mathematics 441-G441.

545—**Applications of Mathematics to Navigation and Astronomy.** Four hours. (608)

551—**Advanced Mathematics for Engineers and Physicists.** Four hours.

552—**Advanced Mathematics for Engineers and Physicists II.** Four hours.
Prerequisite: Mathematics 551. Consent of instructor.

553—**Advanced Mathematics for Engineers and Physicists III.** Four hours.
Prerequisite: Mathematics 552. Consent of instructor.

561—**Foundations of Geometry.** Four hours.
(Summer Institute Course)

562—**Introduction to the Foundations of Mathematics.** Four hours.
(Summer Institute Course)

563—**Introduction to Modern Algebra.** Four hours.
(Summer Institute Course)

564—**Statistics and Probability.** Four hours.
(Summer Institute Course)

565—**Fundamentals of Mathematical Analysis.** Four hours.
(Summer Institute Course)

571—**General Topology II.** Four hours. (593)
Prerequisite: Mathematics 471-G471.

572—**Algebraic Topology II.** Four hours. (594)
Prerequisite: Mathematics 472-G472.

573—**Rings of Continuous Functions.** Four hours. (611)
Prerequisite: Permission of instructor.

594—**Mathematics Seminar I, II, III.** One hour each. (570)
Prerequisite: Permission of instructor.

598—**Thesis in Mathematics.** Six hours. (514B)

601—**College Geometry III.** Four hours. (678)
Prerequisite: Mathematics 501.

631—**Theory of Functions of a Complex Variable III.** Four hours. (690)
Prerequisite: Mathematics 531.

632—**Theory of Functions of a Real Variable III.** Four hours. (692)
Prerequisite: Mathematics 532.

641—**Advanced Calculus III.** Four hours. (687)
Prerequisite: Mathematics 541.

671—**General Topology III.** Four hours. (693)
Prerequisite: Mathematics 571.

694—**Mathematics Seminar I, II, III.** One hour each. (700 ABC)

DEPARTMENT OF MILITARY SCIENCE (M.S.)

Lt. Col. John H. Dale, Sr., Chairman

Captain Richard W. Meyer
Captain Joseph C. Pate
MSgt. Philip C. Ross
SFC Edward F. Stucke
Sgt. Thomas D. Donegan
Mrs. Grace G. Magee

Captain Glenn H. Woods, Jr.
Captain Howard P. Petty
SFC Nelos T. Breland
Sgt. Stanley D. Black
Sgt. Francis D. Nelson

Authorization

Mississippi Southern College was authorized by the Department of the Army to activate on April 3, 1950, a volunteer unit of the senior division Reserve Officers' Training Corps. The training offered was a branch material-artillery, military science course. On January 29, 1959, Department of the Army authorized the basic course to be changed from an elective to a required course. This change went into effect on September 1, 1959. The unit was organized June 14, 1950, under the authority of the Act of Congress, June 3, 1916, and subsequent amendments thereto.

Objectives

The general objective of the course of instruction is to produce junior officers, who by their education, training and inherent qualities, are suitable for continued development as officers in the United States Army. Training in military leadership will be emphasized. Instruction will be given in subjects common to all branches of the army. It is intended to attain this objective during the time the students are pursuing the general or professional studies, with the least possible interference with their civil careers, by employing methods designed to fit them physically, mentally, and morally for pursuits of peace as well as pursuits of war. It is believed that such military training will aid greatly in the development of better citizens.

Mission

The major mission is the training of officers to serve with the reserve components of the Army of the United States, i.e. The United States Army Reserve, and the National Guard. In addition, the ROTC provides the principal source of procurement of junior officers for the regular army.

Enrollment Requirements

Freshmen:

All male freshmen students who are citizens of the United States, physically qualified as prescribed by the Department of the Army, over 14 years of age and less than 24 years of age, and have had less than six months active duty with any of the armed services are required to enroll and complete the basic course of Military Science. (1st and 2nd Year).

Sophomores:

All male sophomore students will enroll in 2nd Year Military Science provided successful completion of any of the following has been accomplished:

1. Military Science (1st Year), NS 1 or AS 1 of any Senior Division ROTC.
2. MST 1 and 2 at any Military Schools Division ROTC.
3. MT 1, 2 and 3 of a Junior Division ROTC.

4. Six months active service or active duty for training in the United States Army, Navy, Air Force or Coast Guard.

Juniors:

Any male student who is regularly enrolled as a junior, physically qualified, attains an acceptable score on the Army RQ Test, has acceptable academic grades during his first two years, will not reach the age of 28 prior to scheduled date of completion of ROTC, is accepted by the PMS, and meets any one of the following requirements is eligible to apply for entrance into Advanced Course, Military Science, and may enroll in 3rd Year Military Science.

1. Has successfully completed the basic course (1st and 2nd Year, Military Science) at any Senior Division ROTC (Army, Navy or Air Force).

2. Successfully completed MST 1, 2, 3 and 4 of a Military Schools Division ROTC.

3. Has satisfactorily completed more than 12 months active service or active duty for training in the Army, Navy, Air Force, Marine Corps or Coast Guard.

4. Has satisfactorily completed 6 months or more active service or active duty training and 1st Year Military Science, or MST 1, 2 and 3 or MT 1, 2 and 3.

5. Successfully completed two years at Service Academies (Army, Navy, Air Force or Coast Guard).

Senior:

Any male student who is regularly enrolled as a senior, and will not reach the age of 28 before he is scheduled to complete ROTC and is acceptable by the PMS may enroll in 4th Year Military Science providing he meets any of the following requirements:

1. Has successfully completed 3rd Year Military Science, NS 3 or AS 3 at a Senior Division ROTC.

2. Has completed MST 1, 2, 3, 4 and 5 at a Military Schools Division ROTC.

3. Has completed three years at one of the Service Academics (Army, Navy, Air Force or Coast Guard).

All students who are accepted in Advanced ROTC (3rd and 4th Years Military Science) are required to sign an agreement to complete the course of instruction offered unless released by the Department of the Army.

ROTC Deposit

A deposit of ten dollars ($10.00) is required of all students enrolled in ROTC. All clothing, equipment, and textbooks required for military science courses are furnished free of charge, to the student. However, any item lost or damaged by any means other than fair, wear and tear, must be paid for by the student to whom it is issued. This is accomplished, for the most part, by the specified amount being deducted from the student's deposit. The deposit, or portion thereof, is refunded when the student clears his supply account with the Department of Military Science. Students who fail to clear their accounts with the military property custodian before leaving the institution will not only have their academic credits withheld, but will face the possibility of Federal prosecution for illegal possession of government property.

Training Courses and Allowances

The military science program of training covers four academic years and is divided into two courses.

The Basic Course. The basic course consists of a minimum of two hours of instruction weekly during the first two years of military science: one hour of classroom instruction and one hour of leadership laboratory. In addition to these requirements, each basic Cadet will be required to successfully complete two four-hour college courses during his freshman and sophomore years. No credit will be allowed for basic ROTC unless the entire basic course (including college courses) is completed. A complete uniform of the type worn in the United States Army will be issued to each basic course cadet without cost.

The Advanced Course. The advanced course consists of four hours of instruction weekly during the 3rd and 4th Years of Military Science. The advanced course student is also required to complete one four-quarter hour course in each of the junior and senior years in general areas of Science Comprehension, General Psychology, Effective Communications, Political Institutions and Political Development. The advanced course student is required to complete a six week summer camp which is held at the end of his junior year. No credit will be allowed for advanced ROTC unless the entire course is completed. Students taking the advanced course of instruction are paid by the Federal Government at a rate fixed by the Secretary of Defense. The present rate is approximately $27.00 per month. Normally, there are about 105 days between the end of the spring quarter and the beginning of the fall quarter. ROTC students who have finished the 3rd Year Military Science will be required to spend 42 days in summer camp. They will be paid a ration value of 90 cents per day for the remaining 63 days of their summer vacation. This amount (approximately $57.00) will be paid when students return to school in the fall.

Summer Camp

The six week summer camp is normally attended by students upon completion of the 3rd Year Military Science. Students are paid five cents per mile for the distance from the institution to the place of camp and return. While at camp each student will receive food, uniforms, medical attention, and pay of the first grade of the U. S. Army (currently $75.00 per month) from the government.

At camp the students meet young men from many of the best institutions in the United States, thus broadening their contacts and gaining opportunity to make friendships that may be of great value in later life. In addition to the many physical, moral and mental benefits from the healthful camp life, there are sufficient recreational features provided to make the stay thoroughly enjoyable.

Commission in the Army of the United States

Students successfully completing the advanced course and the summer camp are tendered commissions as reserve officers in the Army of the United States.

There are certain stipulations whereby a student who completes the 3rd Year Military Science may be designated a "Distinguished Military Student". A student so designated who maintains such standards until he graduates will be designated a "Distinguished Military Graduate" and will be eligible for consideration for appointment in the Regular Army.

Awards

Each year the outstanding ROTC cadet in each class is selected on the basis of leadership, scholarship and military aptitude. The cadet so honored is awarded a key, and his name is engraved on the appropriate plaque displayed in the Department of Military Science Building. Plaques were donated by the following civic organizations:

Outstanding Senior Award — Rotary Club

Outstanding Junior Award — Kiwanis Club

Outstanding Sophomore Award — Elks Club

Outstanding Freshman Award — Veterans of Foreign Wars

Additional awards for academic and leadership achievements are presented for the following:

American Military History Award — Daughters of the Founders and Patriots of America

Academic Achievement Award (Junior and Senior) — Association of the United States Army

Outstanding Company Commander — Reserve Officers Association

Outstanding Platoon Leader — Robert C. Nail Post 687 Veterans of Foreign Wars

Outstanding Cadet in Each Class — Department of the Army

A certificate of meritorious leadership achievement designed to recognize cadet leadership is awarded annually to the graduating cadet selected by the head of the institution on the basis of leadership development throughout his ROTC career.

Curriculum

101, 102, 103—**1st Year Military Science.** One hour each. (31) (32) (33)

Organization of the Army and ROTC, Individual Weapons and Marksmanship, United States Army and National Security and Leadership Laboratory. Each ROTC student will be required to successfully complete a prescribed course, other than ROTC, during his freshman year as determined by the Military Science Department. Freshmen students will also be required to attend one extra drill period weekly for the first quarter.

201, 202, 203—**2nd Year Military Science.** One hour each. (61) (62) (63)

Map and Aerial Photograph Reading, Basic Military Tactics and Leadership Laboratory. Each ROTC student will be required to successfully complete American Military History during his sophomore year. This course is offered by the Dept. of History and Government.

301, 302, 303—**3rd Year Military Science.** Three hours each. (121) (122) (123)

Advanced Military Tactics, Communications, Branches of the Army, Principles of Leadership, Military Teaching Methods and Leadership Laboratory.*

401, 402, 403—**4th Year Military Science.** Three hours each. (161) (162) (163)

Logistics, Operations, Military Administration and Personnel Management, Service Orientation and Leadership Laboratory.*

*Each advanced ROTC student is required to complete one four-quarter hour Course in each of the junior and senior years. The courses will be in the following general areas of science:

1. Science Comprehension, 2. General Psychology, 3. Effective Communications, 4. Political Institutions, and 5. Political Development.

DEPARTMENT OF PHYSICS AND ASTRONOMY

O. K. Hudson, Chairman

Goodrich St. Clair

A student may major in Physics by taking at least thirty-six hours; he may minor in physics by taking at least twenty-eight hours. The student must take

either Physics 101, 102 and 103 or Physics 201, 202 and 203. In addition the student must take twenty-four quarter hours from courses numbered 300 or above. A student who has completed Mathematics 375 may not subsequently enroll in Physics 101, 102 or 103 to satisfy degree requirements.

A student planning to do graduate work in physics should consult the department chairman about additional undergraduate credits; about 60 hours of undergraduate physics preparation are required.

Physics Courses (Phy)

101—**General Physics.** Four hours. (80)

Three lecture periods and one two-hour laboratory period per week.

Prerequisites: MAT 102. Corequisite for Physics 101 and prerequisite for Physics 102: MAT 103.

A traditional course in general college physics intended for liberal arts and pre-medical students.

Mechanics and Hydrodynamics; Electricity and Magnetism; Light, Heat and Sound.

102—**General Physics.** Four hours. (81)

Three lecture periods and one two-hour laboratory period per week.

Prerequisites: PHY 101 and MAT 102.

This course is a continuation of Physics 101.

103—**General Physics.** Four hours. (82)

Three lecture periods and one two-hour laboratory period per week.

Prerequisite: PHY 102.

201—**General Physics with Calculus.** Four hours. (90)

Three lecture periods and one two-hour laboratory period per week.

Corequisite for Physics 201 and prerequisite for Physics 202: MAT 375.

Mechanics and Hydrodynamics; Electricity and Magnetism; Light, Heat and Sound.

A more rigorous course in General Physics; it is recommended but not required (in preference to Physics 101) for Physics Majors. This course is required of Engineering students.

202—**General Physics with Calculus.** Four hours. (91)

Three lecture periods and one two-hour laboratory period per week.

Prerequisites: PHY 201 and MAT 375. Corequisite for Physics 202 and prerequisite for Physics 203: MAT 376.

This course is a continuation of Physics 201.

203—**General Physics with Calculus.** Four hours. (92)

Three lecture periods and one two-hour laboratory period per week.

Prerequisites: PHY 202 and MAT 376.

This course is a continuation of Physics 202.

307—**General Physics.** Four hours. (137)

Three lecture periods and one two-hour laboratory period per week.

A brief survey of general physics for non-science majors. This course may not be counted for a major or minor in Physics.

320—**Electrical Circuit Theory.** Four hours. (160)

Three lecture periods and one three-hour laboratory period per week.

Prerequisite: PHY 103 or 203 and MAT 376.

AC and DC Circuit Theory with some applications in electrical measurements.

327—**Physical Electronics.** Four hours. (168)

Three lecture periods and one three-hour laboratory period per week.

Prerequisite: PHY 320.

Fundamentals of vacuum and semiconductor devices with applications to scientific instrumentation.

328—**Physical Electronics.** Four hours. (169)

Three lecture periods and one three-hour laboratory period per week.

Prerequisite: PHY 327.

This course is a continuation of Physics 327.

331—**Thermodynamics.** Two hours. (164)

Prerequisites: PHY 103 or 203 and MAT 376.

Temperature, Thermodynamic Systems, Laws of Thermodynamics, Reversibility and Irreversibility, Carnot Cycle, Entropy and a brief introduction to the physics of very low temperatures.

332—**Thermodynamics.** Two hours. (165)

Prerequisite: PHY 331.

This course is a continuation of Physics 331.

341—**Geometrical Optics.** Four hours.

Three lecture periods and one three-hour laboratory period per week.

Prerequisites: PHY 103 or 203 and MAT 376.

Rays, refractive and reflective surfaces, lens design, stops and optical instruments.

350—**Introductory Sound.** Three hours. (112)

Two lecture periods and one three-hour laboratory period per week.

Prerequisites: PHY 103 or 203 and MAT 376.

Fundamentals of wave motion, introduction to Fourier Series, hearing and applications to architectural acoustics.

371—**Atomic Physics.** Four hours.

Prerequisites: PHY 103 or 203 and MAT 376.

Survey of atomic particles, electromagnetic radiation and X-Rays, the hydrogen atom, theory of optical spectra and electron distributions within the atom.

381—**Nuclear Physics.** Four hours.

Prerequisite: PHY 371.

Natural radioactivity, fundamental particles, nuclear fission, radioactive production of isotopes and new elements.

411-G411—**Mechanics.** Four hours. (184)

Three lecture periods and one three-hour laboratory period per week.

Prerequisites: MAT 411-G411 and MAT 405-G405.

Motion of a particle in one and several dimensions, Motions of Systems of Particles and Rigid Bodies; Moving Coordinate Systems, Lagrangian Equations of Motion; Tensor Algebra and Theory of Small Oscillations.

412-G412—**Mechanics.** Four hours. (185)

Three lecture periods and one three-hour laboratory period per week.

Prerequisite: PHY 411-G411.

This course is a continuation of Physics 411-G411.

413-G413—**Mechanics.** Three hours. (186)

Prerequisite: PHY 412-G412.

This course is a continuation of Physics 412-G412.

421—**Electricity & Magnetism.** Three hours. (161)

Prerequisites: PHY 103 or 203, MAT 405 and MAT 411.

Vector Analysis, electrostatics, magnetostatics and electromagnetic fields.

422—**Electricity & Magnetism.** Three hours. (162)

Prerequisite: PHY 421.

This course is a continuation of Physics 421.

430-G430—**Kinetic Theory of Matter.** Three hours.

Prerequisites: PHY 332 and PHY 411-G411.

Distribution functions, transport phenomena, diffusion, Maxwell-Boltzman Distribution Law and collision linetics.

441—**Physical Optics.** Four hours. (151)

Three lecture periods and one three-hour laboratory period per week.

Prerequisites: PHY 341 and MAT 376. Corequisite: MAT 405.

Huygen's Principle, interference, diffraction, polarization and electromagnetic theory of light.

442—**Physical Optics.** Four hours. (152)

Three lecture periods and one three-hour laboratory period per week.

Prerequisites: PHY 441 and MAT 405. This course is a continuation of PHY 441.

481-G481—**Nuclear Reactor Physics.** Four hours.

Prerequisite: PHY 381 and MAT 405-G405.

Nuclear binding forces, chain reaction, criticality, the non-steady state reactor, radiation shielding and detection.

501—**Theoretical Physics.** Three hours.

Prerequisite: Consent of Instructor and PHY 413-G413.

Selected topics of general physics from an advanced point of view.

502—**Theoretical Physics.** Three hours.

Prerequisite: PHY 501.

This course is a continuation of Physics 501.

503—**Theoretical Physics.** Three hours.

Prerequisite: PHY 502.

This course is a continuation of Physics 502.

511—**Classical Mechanics.** Three hours.

Prerequisite: PHY 413-G413.

Review of elementary mechanics, calculus of variations, rigid body motion, special relativity, Hamilton's Equations, transformation theory, Hamilton-Jacobi Theory, introduction to continuous media.

512—**Classical Mechanics.** Three hours.

Prerequisite: PHY 511.

This course is a continuation of Physics 511.

513—**Classical Mechanics.** Three hours.

Prerequisite: PHY 512.

This course is a continuation of Physics 512.

561—**Introduction to Modern Physics.** Four hours.

Three lecture periods and one three-hour laboratory period per week.

Prerequisite: Consent of Instructor and PHY 371.

Electromagnetic waves, electron emission, X-Radiation, relativity, quantum theory, spectroscopy, wave mechanics, atomic and nuclear structure and Cosmic Rays.

562—**Introduction to Modern Physics.** Four hours.

Three lecture periods and one three-hour laboratory period per week.

Prerequisite: PHY 561.

This course is a continuation of Physics 561.

563—**Introduction to Modern Physics.** Four hours.

Three lecture periods and one three-hour laboratory period per week.

Prerequisite: PHY 562.

This couse is a continuation of Physics 562.

594—**Seminar I, II, III, IV.** One hour.

Prerequisite: Consent of Department Chairman.

This course will be devoted to the study of current literature of physics and to research problems in progress in the Physics Department. The student will prepare and present several papers before the department.

599—**Research I, II, III.** Three hours.

Prerequisite: Consent of Department Chairman.

ASTRONOMY (Ast.)

301—**General Astronomy.** Four hours.

Three lecture periods and one three-hour laboratory period per week.

Introduction to the coordinate systems of the Earth and Celestial Sphere, Time and its applications, The Solar System.

302—**General Astronomy.** Four hours.

Three lecture periods and one three-hour laboratory period per week.

Prerequisite: AST 301.

Astronomical relations of light, atomic theory, spectroscopy; further topics on the Solar System, comets and meteorites.

303—**General Astronomy.** Four hours.

Three lecture periods and one three-hour laboratory period per week.

Prerequisite: AST 302.

Astronomical measurements, star classifications, relative and apparent motion of the stars, galaxies, extra-solar matter and the stellar energy cycle.

DEPARTMENT OF RELIGION AND PHILOSOPHY

John F. Nau, Chairman

PHILOSOPHY (Phi)

101—**Introduction to Philosophy.** Four hours. (80)

A course intended to acquaint the student with the general nature of philosophical study. Covers values, methods, themes, the nature of reality, epistemology, ethics, and aesthetics.

201—**Representative Philosophers I.** Four hours. (101)

An introduction to the great thinkers of the world, beginning with Plato. Based on selections from their writings.

202—**Representative Philosophers II.** Four hours. (102)

A continuation of Philosophy 201.

300 or G300—**Philosophical Systems.** Four hours. (100)

This course offers more thorough study of the recent developments in philosophical systems, emphasizing particularly creationism, emergentism, organism, existenialism, and pragmatism. Emphasis on supplementary readings in these fields. Not open to freshmen and sophomores.

301—**History of Ancient and Medieval Philosophy.** Four hours. (104)

A study of the main philosophic movements, and of the finding of Greek pioneers, the patristic writers, and the scholastics.

303—**History of Modern Philosophy.** Four hours. (106)

A study of the main problems and movements in philosophy from the Renaissance to the present. Attention to the impact of philosophy on the great revolutionary movements in religion, politics, and education.

401—**Logic.** Four hours. (130)

A study of the methods and problems of accurate and critical thinking. In-

duction, deduction, the syllogism, fallacies, the scientific method, and symbolic logic. Emphasis on practical application.

470—**Ethics.** Four hours. (177)

A study of the evolution of moral ideas from primitive to modern times, and a critical analysis of ethical theories and of social institutions such as the state, property, and the family.

RELIGION (Rel)

The purpose of this department is to offer cultural materials for the general student. Courses in religion and philosophy may be combined for a major or minor.

201—**The Old Testament.** Two hours. (20)

A general survey, covering types of literature, and general content of the books of the Old Testament, with some attention to Hebrew historical movements.

202—**The New Testament.** Two hours. (22)

A general survey, covering New Testament life and times, nature and content of the New Testament books, the ministry of Jesus, and the launching of the Christian movement.

205—**History of Non-Christian Religions.** Four hours. (51)

May be elected as history.

A study of the grounds for religious beliefs of men, the emergence of tribal and national religions in antiquity, and a survey of the principal non-Christian faiths of ancient and modern times.

301—**The Minor Prophets of Israel.** Two hours. (121)

A course similar to 302, but dealing primarily with Isaiah, Jeremiah, Ezekiel, and Daniel.

302—**The Minor Prophets of Israel.** Two hours. (123)

A study of the lives and teachings of the Old Testament prophets; the social, political, economic, and religious backgrounds to their work; and the relevance of their message to modern times.

305—**The Gospels.** Four hours. (126)

A study of the biography of Jesus and literary problems of the synoptic Gospels approached through intensive work on Mark; with materials integrated from the Gospel of John.

401—**History of Christian Culture.** Four hours. (130)

May be elected as history.

A study of the cultural development of Western Europe during the Christian era, with emphasis on religious thought, and on religious aspects of institutions, literature, and art.

402—**Religion in the Rise of American Culture.** Four hours. (132)

A study of the origin and development of the major religious groups and of the shifts in religious thought in the United States from colonial times to the present.

405—**The Types of Literature in the Bible.** Four hours. (146)

May be elected as English 146.

An analysis of the types of literature in the Old and New Testaments and a comparison of these with similar writings of other Jewish writers of the same periods and with related types of writing among other peoples.

DEPARTMENT OF SOCIOLOGY (Soc.)

John N. Burrus, Chairman
Allen South

General Statement

The Department of Sociology offers a major and a minor in sociology and a preprofessional program for social work training. In addition, provision is made for the student who is not a major or minor but who wishes to select one or several courses in sociology according to his interests or needs.

The student may pursue either the Bachelor of Arts or the Bachelor of Science degree. He should take care to include appropriate core curriculum subjects for the degree selected. Core curricula may be found on pages 56 and 53 of this catalogue. Sociology majors who wish to meet requirements for a teacher's license should take note of these requirements in the section of the catalogue dealing with teacher training.

A minimum of 36 quarter hours is required for a major in sociology. Twenty-eight hours are required for a sociology minor. A list of required and recommended courses in the major field will be supplied to the student by the Department Chairman.

The student planning to major in sociology should work out a specific program in consultation with the Chairman of the Department. In addition to the major, he will need to complete a minor of 28 hours (preferably in a related field.) The core requirements should be completed as early in the academic program as possible. These requirements should be completed before the start of the junior year, at which time the student officially chooses a major. Courses not needed to fulfill major, minor, or core requirements are free electives and may be taken in any department of the College.

Majors should usually select their minor field from among the following: geography, history, government, psychology, economics, and religion and philosophy. Students are expected to take Sociology 103 as their first course. Students taking only one course or beginning a program may take 201 without prerequisites, if upperclassmen. General sociology majors should plan their programs to include the following courses: 103, 201, 233, or 301, 340, 401, 470, 481, and 485. With approval of the sociology adviser, one or more of the following courses may be substituted for those listed above. They are 230, 280, 304, 330, 336, 350, and 429. This arrangement allows the major to provide for special interests within the field of sociology and to prepare for certain preprofessional programs.

Sociology Major for Preprofessional Training in Social Work

Many undergraduate majors in sociology plan to enter some phase of social work. There are numerous opportunities for trained workers in the fields of child welfare, family, medical, and psychiatric social work, in parole and probation positions, and in other areas. A student planning to enter professional social work should obtain a well-balanced undergraduate education with courses selected from all major academic areas. He should plan to obtain his professional training in a graduate school of social work. The student planning to do professional social work usually takes a major in sociology with a minor in another social science. In addition to the minor, the student should take courses in other social sciences, be well prepared in English grammar, and choose elective courses that will contribute to a broad academic background.

A complete program will be worked out individually for each preprofessional student by the sociology adviser. The following courses are recommended but are not mandatory for every student. Sociology 103,

201, 230, 233, or 340, 280, and/or 429; Psychology 316, 337, 445, and Mathematics 320; Government 101, and 305, and American or World History. These course recommendations apply only to the preprofessional program.

Freshmen planning to eventually major in sociology should consult the general catalogue of the college and acquaint themselves with the core curriculum (required courses). As basic courses in the core curriculum are completed they should include one sociology course per quarter in their class schedules. This will preclude the necessity of scheduling multiple courses in the junior and senior years. Recommended courses are: 103, 201, 230, 280, or 301.

Transfer students interested in majoring in sociology are advised to check their programs with the sociology adviser at as early a date as possible.

Students do not officially become majors in a subject matter area until they are juniors and complete their Basic College work but they are advised to commence some courses in the major and minor fields prior to this time. Such courses should not interfere with completion of core courses, however.

COURSES OF INSTRUCTION

103—**Introduction to Sociology.** Four hours. (63)

A course designed to give the student a general overview of the content and methodology of sociology. Attention is focused on how man builds his culture; the components of personality; how customs and behavior patterns are developed; and the function and importance of social institutions.

201—**Rural Sociology.** Four hours. (107)

A study of the characteristics of rural people; of the structure, institutions, and social processes of rural society; and of the effect of urbanization on rural society. Emphasis on Mississippi data. Especially recommended for persons entering professions or business in either rural or urban areas.

209—**Cultural Anthropology.** Four hours. (109)

Prerequisite: Sociology 103.

A study of human behavior in preliterate societies to discover which features of human society are constant and which are variable. Attention to how cultural traits are invented and diffused; and to the relation of cultural change to modern civilization. Emphasis on the American Indian.

230—**Introduction to Social Work.** Four hours. (100)

An introduction to the purpose, methods, and philosophy of contemporary social work. Divisions of the field (case work, group work, and community organization) the relation of social work to the social sciences and allied professions, and the professional status of social work. Especially for persons planning to enter social work as a vocation.

233—**Social Problems.** Four hours. (112)

Prerequisite: Sociology 103 or consent of the instructor.

A study of representative contemporary problems, with emphasis on causes, which arise from cultural patterns and social change.

280—**Criminology.** Four hours. (128)

Prerequisite: Sociology 103 or consent of the instructor.

A study of causes, treatment and prevention of crime. Part of the presentation deals with criminology, penology, and criminal legislation in ancient and modern times.

301—**Urban Sociology.** Four hours. (118)

Prerequisite: Sociology 103 or consent of the instructor.

An analysis of the nature of urban society and the factors shaping it, including the influence of urban ecology, and ecological processes. Consideration is

given to the impact of urbanization and industrialization on social institutions, levels of living, and demography.

304—**The Family.** Four hours. (147)

Prerequisite: Sociology 103 or consent of the instructor.

(Not a duplicate of Marriage and Family Living.)

An analysis of the structure and function of the family as an institution. Some emphasis on contemporary trends and factors shaping the contemporary family.

330—**Methods of Social Work.** Four hours. (105)

Prerequisites: Sociology 103 and 230.

A study of the principles of social case work, including consideration of methods employed by public and private agencies. Lectures, laboratory projects, and field trips.

336—**Educational Sociology.** Four hours. (176)

Prerequisites: Sociology 103 or eight hours in Education, or consent of the instructor.

A comprehensive study of the educational institution; and analysis of the school as a social institution; and the relationship of the educational institution to the community and general society.

340-G340—**Rural Social Problems.** Four hours. (116)

Prerequisites: Sociology 201 or Sociology 103 and advanced standing.

An advanced course in rural sociology. Certain areas of rural life and social change are selected for detailed study. The effects of urbanization, mechanization, and migration are examined. Recommended as complementary to Sociology 301.

350-G350—**Social Institutions.** Four hours. (175)

Prerequisites: Sociology 103 and advanced standing.

A detailed study of major American social institutions; their function, interrelationships, and significant trends. Emphasis on theory of social structure.

401-G401—**Population.** Four hours. (130)

Prerequisite: Sociology 103.

A first course in population analysis. Examines differentials and trends in birth rates, migration, sex ratios, and mortality rates. Instruction is given in how to compute and interpret elementary vital data. Some special attention is given to Mississippi population trends. Recommended for all majors and minors. Advanced standing required.

429-G429—**Juvenile Delinquency.** Four hours. (129)

Prerequisites: Sociology 103 and advanced standing.

A study of causes and the nature of juvenile delinquency, the development of the juvenile court, probation and other rehabilitative programs. Recommended for students, teachers, social workers, and others with a serious interest in the study of delinquency.

470-G470—**Advanced General Sociology.** Four hours. (170)

An advanced course in general sociology giving expanded treatment to the basic sociological concepts and subject-matter areas. Designed for departmental majors and minors of advanced standing but open to graduate students. May not be used as a prerequisite for other advanced courses without approval of the department chairman. Not open to freshmen and sophomores.

481-G481—**History of Social Thought.** Four hours. (181)

Prerequisites: Sociology 103 and consent of the instructor.

An introduction to social theory, with a historical approach. The development of western ideas and values are traced. Includes applications to modern society. Recommended for all majors. Not open to freshmen or sophomores.

A survey of elementary research techniques, illustrated by demonstrations and projects. How to locate, process, analyze, and interpret social research data. Open only to juniors and seniors, required for majors.

485-G485—**Methods of Social Research.** Four years. (182)

596—**Seminar in American Community Life.** Four hours. (507)

DEPARTMENT OF SPEECH

Gilbert F. Hartwig, Chairman

George, Grange, Peters, Simonson, Strange, Treser

General Statements

The Speech Department's areas of study are: Public Address and Radio, Speech Therapy and Audiology, Theatre and Oral Interpretation, and General Speech.

Students majoring or minoring in Speech should not register for Public Address 101 (Formerly Speech 31). However, certain majors or minors may be required to take Public Address 101 at the discretion of the department.

Students desiring a double major in speech therapy and elementary education must consult with the director of the speech therapy program and the head of the elementary education department. Very careful planning is necessary to fulfill requirements.

Recommended for Majors and Minors: 12 hours from Theatre 111 (Formerly Speech 40), Theatre 103 (Formerly Speech 50), Public Address 121 (Formerly Speech 53), Public Address 103 (Formerly Speech 60), Public Address 111 (Formerly Speech 70). This must include either Theatre 111 or 103, and either Public Address 103 or 111. Speech Therapy 301 (Formerly Speech 131) can be substituted for one of these at the discretion of the department.

Requirement for Majors: 42-46 hours to include the basic courses.

Requirement for Minors: 28 hours to include the basic courses. 16 hours must be in courses over 300, 12 of these hours must be in one area of concentration. Note: Majors and minors should report to Speech Office early to avoid problems in programming.

Any changes in the following curricula can be made only upon the written consent of the chairman of the department.

Students interested in working out special combinations such as theatre and broadcasting should consult with the chairman of the department.

Curriculum for a Major in Audiology (Aud.)

Bachelor of Arts Degree

	Hours
Aud. 301, 401, 409; SP.T. 301, 330, 334, 338	28
From Aud. 405, 413, 417, 421, 492	18
Education 451N	4

Bachelor of Science Degree

Aud. as above	28
From Aud. as above	18
Education 308, 313, 450, 451N, 486, 481	30

(Aud. 400 may be taken in lieu of 481)
Psychology 316, 319, 332, 337

AUDIOLOGY COURSES (Aud.)

301-G301—**Introduction to Audiology.** (Formerly Speech 133-433) Five hours.

Prerequisite: SP.T. 301

An introduction to hearing problems and the testing of hearing.

400—**Clinical Experiences in Audiology.** (Formerly Speech 237) 1-15 hours.

Clinical practicum to meet the basic certification of 200 clock hours; advanced certification of 335 clock hours.

401-G401—**Auditory Training.** (Formerly Speech 134-434). Four hours.

Clinical methods used in rehabilitating the acoustically handicapped.

405-G405—**Clinical Audiology.** (Formerly Speech 197-497). Four hours.

Prerequisites: SP.T. 301; Aud. 301.

Advanced audiometric techniques and clinical audiology procedures.

409-G409—**Speech Reading.** (Formerly Speech 211-411). Four hours.

Prerequisite: Consent of instructor.

Study and application of major theories of speech reading (lip reading).

413-G413—**The Pre-School Deaf Child.** (Formerly Speech 212-412). Four hours.

Prerequisite: Consent of instructor.

Study of the problems of the adjustment and communication of the deaf child.

417-G417—**Audiological Instrumentation.** (Formerly Speech 213-413). Four hours.

Prerequisite: Consent of instructor.

Study of instrumentation and techniques of measurement of hearing.

421-G421—**Education of the Deaf.** (Formerly Speech 213-414). Four hours.

Prerequisite: Consent of instructor.

Study of techniques of education of the deaf.

492-G492—**Problems in Audiology.** (Formerly **Speech 236-436**). 1 to 6 hours.

Individual study and research.

501—**Advanced Problems in Hearing.** (Formerly Speech 540). Four hours.

509—**Psychoacoustics.** (Formerly Speech 542). Four hours.

513—**Design of Experiments in Hearing.** (Formerly Speech 543). Four hours.

598—**Thesis in Audiology.** (Formerly Speech 514b). Four hours.

Curriculum for a Major in Public Address and Radio (P.A.) Bachelor of Arts or Science Degree)

Core requirements as listed for appropriate degree under Academic Organization:

	Hours
Basic requirements to include P. A. 103 and 111 (Formerly Speech 60 and 70)	12
P. A. 341, 473, 361 (Formerly Speech 115, 162, 167)	12
Electives in Public Address and/or Radio	18
Recommended elective Psychology 445	4

Note:

P. A. 300, 310 (Speech activities) are required participation for both majors or minors, but only 6 hours can be counted towards the major. The remainder may be used under general electives to meet the hours required for graduation.

It is recommended that students concentrate their electives and minor(s) in the social and behavioral sciences.

Students wishing to emphasize Radio and Television will take P. A. 121 as part of the basic requirements and may substitute The. 111 for either P.A. 103 or 111. P.A. 445 should be substituted for 473.

PUBLIC ADDRESS (P.A.)

101—**Oral Communication.** Four hours.

Fundamentals of speaking and listening. Research for proper speech materials, organization of materials, language for expressing materials, and the means of delivering ideas.

103—**Introduction to Public Speaking.** (Formerly Speech 60). Four hours.

Prerequisite: P.A. 101.

Research for materials, organization, style, and delivery of the several types of speech. Particular attention to the relationship of evidence to speech.

111—**Beginning Debate.** (Formerly Speech 70). Four hours.

The principles of argumentation and refutation, with methods of preparing the debate case and the debate speech. A discussion of common practices in inter-collegiate competition.

121—**Introduction To Radio.** (Formerly Speech 53). Four hours.

A survey of radio and television, with students participating in programs and station operation.

201—**Parliamentary Procedure.** (Formerly Speech 32). Two hours.

211—**Individual Events.** (Formerly Speech 71). Two hours.

Oratory, extemporaneous speaking, after dinner speaking, competitive discussion, and oral interpretation receive particular emphasis as activities in the forensic tournament.

300—**Speech Bureau.** (Formerly Speech 114). One hour. (May be repeated up to 8 hours.)

310—**Forensics.** (Formerly Speech 111). One hour. (May be repeated up to 8 hours.)

312-G312—**Debate Coaching Laboratory.** (Formerly Speech 209). One hour. (May be repeated up to 6 hours.)

Prerequisite: Consent of instructor.

Students direct beginning debaters under close faculty supervision.

314-G314—**Advanced Debate.** (Formerly Speech 168). Four hours.

Prerequisite: P.A. 111.

The processes of argument. Analysis of different styles of debate.

320—**Radio Laboratory.** (Formerly Speech 100). One hour. (May be repeated up to 8 hours.)

Operation of the campus radio station, WMSU. Practical experience in announcing, planning and production of programs, advertising, writing, public relations, and station management.

321—**Radio and Television Announcing.** (Formerly Speech 141). Two hours.

Prerequisite: Theatre 111, P.A. 121.

Voice training, with emphasis upon diction, style, flexibility in adapting to various types of materials and situations, projection of personality, communication, and duties of an announcer.

322—**Radio and Television Writing.** (Formerly Speech 142). Two hours.

Prerequisite: P.A. 121, P.A. 331.

Form and style in writing continuity, news and commercial copy.

324—**Radio and TV News.** (Formerly Speech 165). Two hours.

Prerequisite: P.A. 121.

Various types of news material, its procurement and presentation.

330-G330—**Phonetics.** (See SP.T. 330 for details.) (152)

332-G332—**Introduction to Semantics.** (See SP.T. 332 for details.) (155)

334-G334—**Voice Science.** (See SP.T. 334 for details.) (130)

338-G338—**Psychology of Speech.** (See SP.T. 338 for details.) (235)

340-G340—**Advanced Phonetics.** (See SP.T. 340 for details.)

341-G341—**Persuasion.** (Formerly Speech 115). Four hours.

Humor, fear, the compliment, personality, reasoning, and evidence in their relationship to opinion change. Study of recent research in persuasion in advertising, social psychology, public opinion, and rhetoric.

361-G361—**Discussion and Group Leadership.** (Formerly Speech 167). Four hours.

The principles of effective conference and committee participation in problem solving.

381-G381—**History of Speech Education.** (Formerly Speech 198). Four hours.

416-G416—**Debate Coaching.** (Formerly Speech 176). Two hours.

Prerequisite: P.A. 111, 314.

Organizing forensic tournaments. Problems in debate coaching.

422—**Radio and Television Advertising.** (Formerly Speech 145). Two hours.

Prerequisite: P.A. 121, 331.

The factors involved in planning and selling effective radio and television advertising. The analysis of the retailer's business, market data, consumer analysis, product analysis, advertising objectives, and the selection, development, and scheduling of programs.

424-G424—**Radio and TV Law.** (Formerly Speech 200). Four hours.

Prerequisite: Consent of instructor.

426-G426—**Radio Station Management.** (Formerly Speech 201). Four hours.

Prerequisite: 12 hours of Radio and TV courses above P.A. 121.

441-G441—**Advanced Persuasion.** (Formerly Speech 119). Four hours.

Prerequisite: P.A. 341.

Detailed analysis of selected topics in the field of persuasion. Current persuasive efforts will be examined.

445—G445—**Audience Analysis.** (Formerly Speech 188). Four hours.

Prerequisite: Consent of instructor.

Characteristics of audiences, measurement of attitudes, and an analysis of the major rating services.

447-G447—**Mass Communication.** (Formerly Speech 189). Four hours.

Prerequisite: Consent of instructor, P.A. 341 recommended.

Formation of public opinion and its relation to broadcasting.

449-G449—**International Communication.** (Formerly Speech 190). Two hours.

Prerequisite: Consent of instructor.

Survey of foreign broadcasting and special problems involved in communicating with people in other countries.

451-G451—**Ethos.** (Formerly Speech 207). Two hours.

Prerequisite: P.A. 341.

The effect of the projected manifest personality of the speaker on the audience; the factors that determine audience reaction to the individual speaker.

453-G453—**Analysis of Persuasive Campaigns.** (Formerly Speech 208). Four hours.

Prerequisite: P.A. 341.

A study of the rhetoric of mass movements, political campaigns, and other

efforts to mold public opinion over time. (To be taught election years; national and state.)

471-G471—**Classical Rhetoric.** (Formerly Speech 177). Two hours.

Prerequisite: Consent of instructor.

A study of the contributions of Plato, Aristotle, Cicero, Quintillian, and other great classical rhetoricians.

473-G473—**History and Criticism of American Public Address.** (Formerly Speech 162). Four hours.

A study of the speakers (ministers, lawyers, statesmen), the movements, and the speeches that have been significant in American address from colonial times to the present. Speeches required on the men and women studied.

475-G475—**British Rhetoric.** (Formerly Speech 178). Two hours.

Prerequisite: Consent of instructor.

A study of British Parliamentary traditions; the speeches of the Mass Movements; the speeches of Burke, Disraeli, Wesley, and others.

492-G492—**Special Problems in Public Address and/or Radio and TV.** (Formerly Speech 199). One to four hours.

Prerequisite: Consent of instructor.

Special research study.

500—**Reading in the Field.** (Formerly Speech 500). Two hours. (May be repeated up to 6 hours.)

550—**Advanced Psychology of Speech.** (Formerly Speech 590). Four hours.

580—**Seminar in Radio and TV Programming.** (Formerly Speech 503). Two hours.

581—**Seminar in Radio and TV Station Policy.** (Formerly Speech 505). Two hours.

582—**Seminar in Persuasion.** (Formerly Speech 519). Two hours. (May be repeated up to 6 hours.)

583—**Seminar in Audience Analysis.** (Formerly Speech 502). Two hours. (May be repeated up to 6 hours.)

584—**Seminar in Criticism of Contemporary Public Address.** (Formerly speech 510). Two hours. (May be repeated up to 6 hours).

585—**Seminar in Persuasive Campaigns.** (Formerly Speech 520). Two hours. (May be repeated up to 6 hours).

586—**Seminar in Group Discussion. (Formerly Speech 567).** Two hours. (May be repeated up to 6 hours.)

598—**Thesis in Public Address.** (Formerly Speech 514b). Two to six hours.

600—**Material and Methods of Research.** (Formerly Speech 600). Two hours.

610—**Experimental Methodology.** (Formerly Speech 610). Four hours.

Curriculum for a Major in Speech Therapy (SP.T.)

Bachelor of Arts Degree

The curriculum is designed for students who anticipate continuing their education beyond the bachelor's level and who do not desire certification to teach at the elementary or secondary level. However, students may qualify for certification by making appropriate modifications in the curriculum.

Optional inclusion in the program is one quarter's clinical experience at the V. A. Center, Biloxi and Gulfport.

Core requirements as listed for appropriate degree under Academic Organization:

	Hours
SP.T. 301, 330, 332, 334, 401; Aud. 301	24
From SP.T. 405, 409, 413, 417, 421, 492	18
Education 451N	4

Bachelor of Science Degree

This curriculum is designed for students who wish to become certified as teachers of exceptional children, grades 1 through 12.

Core requirements as listed for appropriate degree under Academic Organization:

SP.T. as above	24
From SP.T. as above	18
Education 308, 313, 450, 451N, 486, 481	30
(SP.T. 400 may be taken in lieu of Ed. 481)	
Psychology 316, 319, 332, 337	16

SPEECH THERAPY (SP.T.)

10—**Speech Laboratory.** No Credit.

Prerequisite: Referral by instructor.

A required therapy program for college students who have speech and/or hearing disorders.

301-G301—**Introduction to Speech Therapy.** (Formerly Speech 131). Four hours.

Prerequisite: Preferably, SP.T. 330.

An introduction to the types of speech disorders.

330-G330—**Phonetics.** (Formerly Speech 152). Four hours.

The International Phonetic Alphabet and the several guides to pronunciation of the major English dictionaries.

332-G332—**Introduction to Semantics.** (Formerly Speech 155). Four hours.

Prerequisite: Consent of instructor.

A critical and analytical study of the significance of language in terms of the use of words as signs and symbols. Consideration will be given to the meaning of words and how these meanings change from context to context.

334-G334—**Voice Science.** (Formerly Speech 130). Four hours.

Prerequisite: SP.T. 301.

Survey of the physiology and pathology of the speech and hearing mechanism.

336-G336—**Experimental Phonetics.** (Formerly Speech 210). Four hours.

Prerequisite: Consent of instructor.

A study of laboratory investigations of problems in phonetics as they are related to functional speech.

338-G338—**Psychology of Speech.** (Formerly Speech 235). Four hours.

Prerequisite: Consent of instructor.

Study of problems in speech with particular reference to information theory, speech intelligibility and experimental studies in voice communication.

340-G340—**Advanced Phonetics.** (Formerly Speech 161). Four hours.

Prerequisite: SP.T. 330.

400—**Clinical Experiences in Speech Therapy.** (Formerly Speech 237). 1 to 15 hours.

This course replaces Education 185-186 to meet clinical practicum hours; 200 clock hours for basic and 335 clock hours for advanced certification.

401-G401—**Principles of Speech Therapy.** (Formerly Speech 132). Four hours.

Prerequisite: SP.T. 301.

Advanced therapy for speech disorders. Observation, and assistance with therapy, in the speech and hearing clinic.

405-G405—**Stuttering and Related Problems.** (Formerly Speech 192). Four hours.

Prerequisites: SP.T. 301, 330, 401.

Theories and programs of therapy evaluated with respect to the problem of stuttering by children and adults.

409-G409—**Cerebral Palsy.** (Formerly Speech 193). Four hours.

Prerequisites: SP.T. 301, 330, 401.

Cerebral Palsy from the standpoint of causative factors, speech problems, and current therapy practices.

413-G413—**Cleft Palate.** (Formerly Speech 194). Four hours.

Prerequisites: SP.T. 301, 330, 401.

Includes the study and application of theories and therapies for cleft palate persons.

417-G417—**Delayed Speech, Aphasia.** (Formerly Speech 195). Four hours.

Prerequisites: SP.T. 301, 330, 401.

Problems of delayed speech and aphasia studied with particular emphasis on therapy techniques.

421-G421—**Voice and Articulation.** (Formerly Speech 196). Four hours.

Prerequisites: SP.T. 301, 330, 401.

A study of disorders of voice (hoarseness, nasality, pitch, and laryngetomized) and articulation (substitution, omission, addition, and distortion).

492-G492—**Problems in Speech Therapy.** (Formerly Speech 199). 1 to 6 hours.

Prerequisite: Consent of instructor.

Special research study.

501—**Advanced Speech Therapy.** (Formerly Speech 539). Four hours.

505—**Advanced Experimental Phonetics.** (Formerly Speech 541). Four hours.

513—**Design of Experiments in Speech Therapy.** (Formerly Speech 543). Four hours.

598—**Thesis in Speech Therapy.** (Formerly Speech 514b). 2 to 6 hours.

Curriculum for a Major in

Theatre (The.)

Bachelor of Arts or Science Degree

Core requirements as listed for appropriate degree under Academic Organization:

	Hours
P.A. 103; The. 103, 111	12
The. 302, 402, 308, 314, 316, 408, 422	24
From The. 304, 318, 414, 416, 418	8
Eng. 423, 425, 479, 483	12

(This fulfills the English minor requirement)
Art 101 or 111.
Music 461 or 465.

Acting and Directing

Basic requirements as above	12
The. 302, 304, 308, 314, 316, 402, 411, 414, 422	28
From The. 404, 406, 408, 492	6

Eng. 423, 425, 479, 483	12
(This fulfills the English minor requirement)	
Music 461 or 465	4

Design and Technical

Basic requirements as above	12
The. 302, 304, 306, 308, 321, 322, 323, 401, 402, 408	30
From The. 314, 418, 421, 422	4
Art (in consultation with and the recommendation of the chairman of the Art Department. This constitutes a minor	12

For any of the above concentrations in theatre:

The. 300 (Theatre Activity) required participation for both majors and minors. Up to 6 hours may be used under general electives to meet the hours required for graduation.

The. 430 may be taken under general electives to meet the hours required for graduation, but only 8 hours will be accepted toward fulfilling major requirements.

THEATRE (The)

103—**Introduction To Theatre.** (Formerly Speech 50). Four hours.

A survey of all aspects of Theatre. Practical application of one area of Theatre in a major college production. Recommended for high school play directors, and those desiring an overall acquaintance with the various phases of theatrical production.

111—**Fundamentals of Oral Interpretation.** (Formerly Speech 40). Four hours.

Prerequisite: P.A. 101, or major or minor.

Voice analysis of each student for enunciation problems, with remedial exercises recommended. Presentation of a series of short and moderate-length selections for criticism by class instructor. Particularly recommended for English majors and teachers.

300—**The Theatre.** (Formerly Speech 112). Five hours. (May be repeated up to 8 hours.)

Participation in the major and graduate productions of the Department.

302—**Stagecraft.** (Formerly Speech 122). Two hours. (May be repeated up to 6 hours.)

Laboratory work. Construction and painting of stage scenery and properties. Techniques of working with the stage technician's materials.

304—**Stage Make-up.** (Formerly Speech 125). Two hours.

Prerequisite: Consent of instructor.

Techniques of using stage make-up to develop character projection; familiarization with the materials available, and practical application of the standard techniques.

306-G306—**Scene Design.** (Formerly Speech 120). Four hours.

Prerequisite: The. 302, or consent of instructor.

Elements of stage design. Play analysis in terms of visualization and style, and the mechanics of developing an effective stage setting.

308-G308—**Stage Lighting.** (Formerly Speech 121). Four hours.

Prerequisite: Consent of instructor.

Theory and application of general and special lighting, color, instrumentation and control.

311—**Advanced Oral Interpretation.** (Formerly Speech 116). Four hours.

Prerequisite: The. 111.

Plays, novels, and long poems arranged for public presentation.

314-G314—**Acting.** (Formerly Speech 104). Four hours.

Prerequisite: The. 103, or consent of instructor.

Fundamentals of movement, pantomime, voice and characterization for the stage.

316-G316—**Dramaturgy.** (Formerly Speech 172). Four hours.

Prerequisite: Consent of instructor.

Examination and evaluation of theories of dramatic construction since Aristotle.

321-G321—**History of European Theatre.** (Formerly Speech 106a). Two hours.

Prerequisite: The. 103 or consent of instructor.

Important playwrights, structures and influences from primitive times up through the Italian Renaissance.

322-G322—**History of European Theatre.** (Formerly Speech 106b). Two hours.

Prerequisite: The. 103, or consent of instructor.

Playwrights, structures and influences from the Italian Renaissance up through 1850.

323-G323—**History of European Theatre.** (Formerly Speech 106c). Two hours.

Prerequisite: The. 103, or consent of instructor.

Playwrights, structures and influences since 1850 in countries other than the United States.

401-G401—**History and Design of Costumes.** (Formerly Speech 171a). Two hours.

Examination and analysis of costume throughout the years. Designing suggestively authentic modifications for contemporary production of period dramas.

402-G402—**History and Design of Costumes.** (Formerly Speech 171b). Two hours.

Examination and analysis of costume throughout the years. Designing suggestively authentic modifications for contemporary production of period dramas.

404—**Theatre Management.** (Formerly Speech 150). Two hours.

Prerequisite: The. 101 or consent of instructor.

Theatrical organization in terms of people and duties, box office organization and management; publicity and promotion; setting up budgets for various productions and types of theatres.

408-G408—**Advanced Theatre Production.** (Formerly Speech 126). Two hours.

Prerequisite: The. 103, or consent of instructor.

The handling of special effects on the modern stage, and a study of special problems in period plays for contemporary production.

411-G411—**Study of Dialects.** (Formerly Speech 175). Four hours.

Prerequisite: P.A. 330, and/or consent of instructor.

A non-phonetic approach to the characteristics of major dialects of English encountered in Oral Reading and in Dramatic Literature, with special attention to standard Southern British speech, Cockney, Irish Brogue, Scottish, Negro, Yiddish, Mountaineer, New Yorker, and Italian.

414-G414—**Advanced Acting.** (Formerly Speech 153). Two hours.

Prerequisite: The. 314.

Theories of acting, methods employed, and application of advanced techniques to the actor's problem of character projection.

416-G416—**Playwrighting.** (Formerly Speech 154). Four hours.

Prerequisite: Consent of instructor, or The. 316.

Analysis of play structure and guidance in the construction of a play.

418-G418—**Directing.** (Formerly Speech 151). Four hours.

Prerequisite: The. 314.

Principles of stage directing. Application of principles by students in directing a one act play.

421-G421—**History of American Theatre.** (Formerly Speech 174a). Two hours.

Prerequisite: The. 103, or consent of instructor.

A survey of developments in the American Theatre from pre-colonial times up to 1860.

422-G422—**History of American Theatre.** (Formerly Speech 174b). Two hours.

Prerequisite: The. 103, or consent of instructor.

A survey of developments in the American Theatre from 1860 up to the present.

430-G430—**Summer Theatre.** (Formerly Speech 187). 16 hours.

Prerequisite: Consent of instructor.

An eleven week program covering all phases of theatre production in an operating summer stock theatre.

492-G492—**Problems in Theatre or Oral Interpretation.** (Formerly Speech 199). 1 to 4 hours.

Prerequisite: Consent of instructor.

Special research study.

500—**Reading in the Field.** (Formerly Speech 500). Two hours.

508—**Graduate Technical Direction.** (Formerly Speech 528). Four hours.

518—**Graduate Directing.** (Formerly Speech 527). Four hours.

581—**Seminar in Oral Interpretation.** (Formerly Speech 501). Two hours

585—**Seminar in Theatre Production.** (Formerly Speech 526). Two hours.

598—**Thesis in Theatre or Oral Interpretation.** (Formerly Speech 514b). 2 to 6 hours.

Curriculum for a Major in General Speech or Speech Education Bachelor of Arts or Bachelor of Science Degree

Core requirements as listed for appropriate degree under Academic Organization:

General Speech

	Hours
Basic requirements: P.A. 103, 111, 121; The. 103, 111	20
P.A. 361, 330; The. 314, 418; SP.T. 301	20
P.A. 300, 310, 320; The. 300	6
From: P.A. 471, 473, 475 or The. 321, 322, 323, 421, 422	6

Speech Education

Basic requirements: P.A. 103, 111, The. 103, 111	16
P.A. 314, 330, 361, 381, 416; The. 314, 418	24
P.A. 310; The. 300, 302	6
Education 120, 313, 451M, 462, 469, 481	28
Psychology 319, 332	8
(The education and psychology requirements constitute a minor in education)	
Recommended second minor: English	28

SOUTHERN HALL

SCHOOL OF COMMERCE AND BUSINESS ADMINISTRATION

J. A. Greene, Jr., Dean

PURPOSE

The aim of the School of Commerce and Business Administration is to train the young men and women of today to enter the business world and the teaching profession better prepared for success than those who preceded them. This training includes courses in general education, general business, economics, management, and specialized areas of commerce.

ORGANIZATION

The School of Commerce and Business Administration is organized into five departments: Accounting, Business Administration, Business Education, Economics, and Marketing. Majors are offered in the following areas: accounting, business administration, business education, economics, foreign trade, office management, marketing, and secretarial studies. In addition, a student may choose a field of specialization in business administration or marketing. For the student who cannot attend four years, a two-year curriculum in secretarial training is offered.

PLAN FOR FRESHMAN AND SOPHOMORE YEARS

Students intending to enter the School of Commerce and Business Administration must enroll in the Basic College for the freshman and sophomore years. Transfer students who expect to enter the School of Commerce and Business Administration should conform to the following suggested curriculum as far as possible and take only standard courses in arts and science subjects when substitutions are necessary. The suggested curriculum is for all students of the School other than those qualifying to teach in the Department of Business Education and those securing the Bachelor of Arts degree in Economics or Foreign Trade in the Department of Economics. Their curricula are outlined under their respective departments. Also, those desiring the two-year curriculum in secretarial training will find it outlined under the Department of Business Education.

All students must apply for admission and take care of such things as housing and fees through the regular offices of the college and not through the office of the School of Commerce and Business Administration.

Curriculum for Freshmen and Sophomores

Freshman Year

	Hours
English 101, 102, 103—Freshman Composition	12
History 101, 102 or History 151, 152—World Civilization or American History	8
Speech 101—Oral Communication	4
Science (Twelve hours of laboratory science)	12
*Mathematics 101—College Algebra	4 or 0
Mathematics 112—Algebra for Statistics	4
**Business Education 101 or Proficiency-Typewriting	4 or 0
Military Science or Physical Education Activity Courses	3 or 0
***Electives (See explanation under "Electives")	0 or 11
	51

*Mathematics 101 is required only for those students who have an inadequate background of algebra in high school. Other students should go directly into Mathematics 112.

**A student may not take the course if he has had a year of high school typewriting and may be excused from the course if he demonstrates proficiency.

***Business Administration 100, Introduction to Business, is strongly recommended as an elective for those students wishing a survey course in business to prepare them for the advanced courses.

Sophomore Year

English 201—Introduction to Literature	4
Social Studies—Government, Sociology, Geography, or Psychology	4
Mathematics 320—Elementary Statistics	4
Economics 251, 252—Principles of Economics	8
Accounting 201, 202, 203—Principles of Accounting	12
Military Science or Physical Education Activity Courses	3 or 0
Electives (See explanation under "Electives")	16 or 19
	51

PLAN FOR JUNIOR AND SENIOR YEARS

Commerce Core

All students in the School of Commerce and Business Administration, except those securing the teacher's certificate by majoring in Business Education or the Bachelor of Arts degree in the Department of Economics, are required to take the following core in commerce. This core constitutes part of the major for those in the Department of Business Administration and meets the minor requirements for those majoring in accounting, economics, secretarial studies or marketing.

Course	Title of Course	Hours
Business Education 300	Business Writing	4
Business Education 400	Report Writing	2
Marketing 300	Principles of Marketing	4
Economics 330	Money and Banking	4
Business Administration 310, 311	Business Law	8
Business Administration 360	Principles of Management	4
*Business Administration 450	Corporation Finance	4
		30

*Accounting majors may substitute Business Administration 452, Investment Finance.

Major Requirements

The majors are outlined under the department in which they are located. With the consent of his adviser, a student occasionally may make a substitution for one of his required courses.

Minor Requirements

The Commerce Core constitutes the minor in business administration for all Bachelor of Science degree students other than those receiving a teaching certificate under the Department of Business Education and the majors in the Department of Business Administration who must minor in another department as prescribed under the curriculum chosen. On any minor in another department of the School of Commerce and Business Administration, either Economics 251, 252 or Accounting 202, 203 will meet eight hours of the required twenty-eight hours for the minor.

Electives

A minimum of twelve hours must be chosen from history, languages, literature, mathematics, philosophy, sciences, and speech. The remainder of electives may be selected from any department in the college except where specified otherwise under the major requirements.

DEPARTMENT OF ACCOUNTING

B. L. Forbes, Chairman

Kelley, Anderson, H. O. Jackson, Carpenter, Maxey

The phenomenal growth of business establishments during the twentieth century has brought accounting to the forefront, and many people are finding a challenging occupation in the profession of accounting. Accounting as a profession is one of the younger ones but is growing more rapidly each year. The Department of Accounting attempts to meet this increased demand for accountants by offering courses which will prepare students to enter careers in industrial, public, or governmental accounting.

Those students who plan to major in accounting should take Accounting 201, 202, and 203 in their freshman year and postpone part of their college core. They should continue by taking Accounting 301 and 302 in their sophomore year.

The following courses are recommended for students planning to minor in Accounting: Accounting 202, 203, 301, 302, and three advanced accounting courses.

ACCOUNTING

		Hours
Freshman and sopohomore curriculum		102
Commerce core		30
Accounting courses as listed below		36
Accounting 301—Intermediate Accounting I	4	
Accounting 302—Intermediate Accounting II	4	
Accounting 310—Auditing	4	
Accounting 320—Cost Accounting	4	
Accounting 330—Federal Income Tax	4	
Accounting 401—Advanced Accounting	4	
Accounting 405—Current Accounting Theory and Research	4	
Accounting Electives	8	
Electives		24

ACCOUNTING COURSES

201—Principles of Accounting I. Four hours. (71)

An introduction to bookkeeping techniques and principles of accounting.

202—Principles of Accounting II. Four hours. (72)

A continuation of the introduction to principles of accounting started in Accounting 201.

203—Principles of Accounting III. Four hours. (73)

This course completes the introduction to accounting principles.

301-G301—Intermediate Accounting I. Four hours. (100-400)

Prerequisite: Accounting 203.

A study of fundamental processes, accounting statements, the accounting process, and classification of assets and liabilities.

302-G302—Intermediate Accounting II. Four hours. (101-401)

Prerequisite: Accounting 301.

A coverage of corporate capital and surplus, and analytical processes, including statements from incomplete data, errors and their correction, and statement of application of funds.

310-G310—**Auditing I.** Four hours. (124-424)

Prerequisite: Accounting 301 and 302.

A study of auditing principles, techniques, and procedures, professional ethics and legal responsibility, the audit program, field work, and the audit report.

320-G320—**Elementary Cost Accounting.** Four hours. (123-423)

Prerequisite: Accounting 302, or consent of instructor.

A beginning course in cost accounting, treating of terminology, the mechanics of process and job order cost accounting, the cost accounting cycle, accounting entries, and cost statements.

330-G330—**Federal Income Tax Accounting I.** Four hours. (122-422)

Prerequisite: Accounting 301.

An introductory course covering classification of taxpayers, rates, taxable income, exclusions, deductions, expenses, losses, individuals' returns, payment of taxes, employment taxes, depreciation, amortization, depletion, tax accounting, long-term income, and inventories.

401-G401—**Advanced Accounting.** Four hours. (150-450)

Prerequisite: Accounting 302.

A comprehensive treatment of partnership accounting, consignments and installment sales, insurance, receiver's accounts, and annuities.

405-G405—**Current Accounting Theory and Research.** Four hours. (160-460)

Prerequisite: Accounting 310 or consent of instructor.

The study of current accounting problems, with special emphasis on the published bulletins (pronouncements) of professional accounting organizations. Students will explore specific contemporary controversial topics and write research papers.

410-G410—**Auditing II.** Four hours. (124a-424a)

A study of AICPA audit bulletins, application of statistical sampling techniques to auditing, review of internal control procedures, and case studies in auditing procedures.

420-G420—**Advanced Cost Accounting.** Four hours. (123a-423a)

Prerequisite: Accounting 320.

A continuation of Accounting 320, with coverage of estimated costs, standard costs, variance analysis, joint and by-product costs, distribution costs, budgets, profit planning, and cost reports and statements.

430-G430—**Federal Income Tax Accounting II.** Four hours. (122a-422a)

Prerequisite: Accounting 330.

A continuation of Accounting 330 with emphasis on installment sales, unpaid items, basis for gain or loss, capital gains and losses, net operating loss, partnerships, decedents, estates and trust, corporations' changes in capital, liquidations, employees' plans, foreign taxes, deficiency, refund, estate, gift, and excise taxes, and the revenue system.

440-G440—**Budgeting.** Four hours. (173-473)

Prerequisite: Accounting 301.

An analysis of the procedures used in preparation of business budgets, with consideration given to the principles underlying these procedures, comparison of performance with the budget, and enforcement of the budget.

450-G450—**Accounting Systems.** Four hours. (174-474)

Prerequisite: Accounting 310.

A study of the nature and procedure of systems work with attention given to the design and use of business papers and forms, mechanical equipment and auxiliary devices, punched-card accounting methods, journals, ledgers, internal checks, and applied accounting systems and procedures.

460-G460—**Consolidated Statements and Accounting for Fiduciaries.** Four hours. (151-451)

Prerequisite: Accounting 302.

A treatment of estate accounting principles and reports, home office and branch accounting, parent and subsidiary accounting, consolidations and mergers, and foreign exchange.

470-G470—**Municipal and Governmental Accounting.** Four hours. (172-472)

Prerequisite: Accounting 302.

A study of the principles and standards of governmental accounting, with emphasis on classification of accounts, fund accounting, statements and reports.

480-G480—**CPA Problems.** Four hours. (175-475)

Prerequisite: 28 hours in accounting and senior standing.

An intensive and comprehensive review of various phases of accounting through study of past C.P.A. examination problems. Recommended for those who plan to sit for the C.P.A. examination.

492-G492—**Research in Accounting Problems.** One to four hours. (178-478)

Prerequisites: Accounting 401, senior standing, and approval of instructor.

A seminar course for advanced study in problems in cost accounting, budgeting, auditing, or income tax.

525—**Managerial Accounting.** Four hours.

Prerequisite: Principles of Accounting.

A study of the uses of accounting statements and reports by management.

DEPARTMENT OF BUSINESS ADMINISTRATION

R. R. Hardin, Chairman

Wehling, Ellis, Jordan, Weisend, Stegenga

Success in business today demands maximum preparation. This is true whether one intends to own his own business or work for some company. The curricula in the Business Administration Department are designed to give the student the broad knowledge of the business and economic world necessary to prepare him for the vast majority of non-specialized positions open to the graduating student. Specialized courses are offered for the student who definitely knows the area of business he wishes to enter.

The recommended minor in business administration for a non-commerce major is: Accounting 201 and 202; five advanced courses in business administration which may include Marketing 300 or Economics 330.

General Business

	Hours	
Freshman and sophomore curriculum		102
Commerce core		30
Major requirements as listed below		20
Business Administration 315 or Economics 400—Government and Business or Public Finance	4	
Economics 410—Economics of Labor	4	
Business Administration 460—Personnel Management	4	
Electives in Business Administration	8	
Minor requirements and electives (Minor may be in any department in the college)		40
		137

Banking and Finance

Freshman and sophomore curriculum		102
Commerce core		30
Major requirements as listed below		12
Business Administration 350—Bank Administration	4	
Business Administration 452—Investment Finance	4	
Economics 410—Public Finance	4	
Minor requirements (Must be in economics and must include Economics 360; Economics 251, 252 count on minor		20
Electives		28

Small Business

Freshman and sophomore curriculum		102
Commerce core		30
Major requirements as listed below		12
Business Administration 325—General Insurance	4	
Business Administration 361—Principles of Small Business Organization	4	
Business Administration 362—Problems of Small Business	4	
Minor requirements (Must be in marketing and include Marketing 330 and 355; Economics 251, 252 count on minor)		20
Electives		28

Insurance

Freshman and sophomore curriculum		102
Commerce core		30
Major requirements as listed below		16
Business Administration 325—General Insurance	4	
Business Administration 330—Real Estate	4	
Business Administration 425—Life Insurance	4	
Business Administration 445—Fire and Casualty Insurance	4	
Minor requirements (Must be accounting, economics, or marketing; Accounting 202, 203 or Economics 251, 252 count on minor)		20
Electives		24

Management

Freshman and sophomore curriculum		102
Commerce core		30
Major requirements as listed below		20
Business Administration 460—Personnel Management	4	
Business Administration 462—Industrial Management	4	
Business Administration 464—Motion and Time Study	4	
Business Administration 470—Labor Law and Legislation	4	
Economics 410—Labor Problems	4	
*Minor requirements and electives		40

*A minor in psychology is recommended.

Real Estate

Freshman and sophomore curriculum		102
Commerce core		30
Major requirements as listed below		20
Business Administration 325—General Insurance	4	
Business Administration 330—Real Estate	4	
Business Administration 430—Real Estate Law	4	
Business Administration 432—Real Estate Finance	4	
Business Administration 434 or 436—Real Estate Appraising or Property Management	4	
Minor requirements and electives (Minor may be in any department in college)		40

BUSINESS ADMINISTRATION COURSES

100—**Introduction to Business.** Four hours. (40)

An introductory course to practically all phases of the business and economic world for the beginning student in commerce.

310—**Business Law.** Four hours. (166)

The fundamental principles of law that apply to common business transactions.

311-G311—**Business Law.** Four hours. (167-467)

A more specific course in law as applied to business, especially suitable for the accounting, finance and insurance majors.

315-G315—**Government and Business.** Four hours. (147)

Prerequisite: Economics 200 or 251.

A study of the place of government in the business world, with emphasis on types of controls, regulation of public service corporations and financial institutions, laws to enforce competition, and government aids to business.

325-G325—**General Insurance.** Four hours. (126-426)

A beginning course in insurance, designed to explain the fundamental principles of risk and risk bearing and to introduce the insurance mechanism as a device for reducing risk and sharing losses.

330—**Real Estate.** Four hours. (170)

An introduction to the field of real estate covering the principles of valuation, appraisal, financing and marketing of real estate.

350—**Bank Administration.** Four hours. (144)

Prerequisite: Economics 330.

A comprehensive survey of practical bank administration, covering such topics as bank practices and problems, loans and discounts, investments, fiduciary and other services, and the money market.

360—**Principles of Management.** Four hours. (142)

Basic management concepts and principles applied to the functions of planning, organization and control in a business enterprise.

361—**The Organization and Operation of a Small Business.** Four hours. (185a)

Prerequisites: Principles of Accounting and Economics.

A course designed to give the student a knowledge of sound business principles to be applied to the problems of organizing and operating a small business.

362—**Case Studies in Small Business Organization and Operation.** Four hours. (185b)

Prerequisite: Business Administration 361.

The principles studied in Business Administration 361 re-examined in the light of actual business successes and failures.

370—**Applied Business Statistics.** Four hours.

Prerequisites: A basic course in statistics.

The application of statistical procedures to business problems.

425-G425—**Life Insurance.** Four hours. (131-431)

A comprehensive treatment of life insurance, with the use of materials paralleling those approved by the American College of Life Underwriters.

430—**Real Estate Law.** Four hours. (171)

Designed to give the student a general background in real estate law covering such major points as land and its elements, easements, titles, deeds, recording, brokers and managers, contracts of sales, insurance, and landlord and tenant, with emphasis on case and problem solutions.

432-G432—**Real Estate Finance.** Four hours. (172)

Functions of real estate finances; the loan contract; the mortgage market; elements of mortgage risk; loan policy and administration of loans; and analysis of current mortgage market conditions.

434—**Real Estate Appraising.** Four hours. (173)

Designed to train students in the technique and art of real estate appraising. This course is concerned with the application of the principles of property valuation to the various classes of realty; stress is laid on the character of land value, axioms of valuation and application of valuation procedures via the cost, market, and income approach to real estate value. The case method of instruction is used in order to enable students to prepare independent property appraisal reports.

436—**Property Management.** Four hours. (174)

Management of real properties as a part of the real estate business; principles of management and organization; collections, expenditures and services; physical care of the property; records; and agent's relation with tenant.

440—**Transportation.** Four hours.

Prerequisites: Principles of economics and marketing.

The principles, practices and problems of transportation that prevail in the United States.

445-G445—**Fire and Casualty Insurance.** Four hours. (145)

Prerequisite: A previous course in insurance.

An analysis of the first policy, consequential loss contracts, ocean and inland marine risks, automobile underwriting, business liability protection.

450-G450—**Corporation Finance.** Four hours. (189-489)

Prerequisites: Accounting 201, 202, and 203; and Economics 200 or 251.

A course dealing with the organization of corporations, methods of financing and types of securities, analysis of causes of failure, and rehabilitation of bankrupt corporations.

452-G452—**Investment Finance.** Four hours. (194-494)

Prerequisite: Business Administration 450.

The techniques of investment analysis as applied to industrial, railroad, public utility, and other securities, with emphasis placed upon the importance of a knowledge of American industry.

460-G460—**Personnel Management.** Four hours. (182-482)

A course covering the tools of personnel management, with principal emphasis on the major task of procuring, developing, maintaining, and using an effective working force.

462-G462—**Introduction to Industrial Management.** Four hours. (183-483)

The basic principles and policies with respect to the management of an industrial plant, covering such topics as plant location and layout, purchasing, materials handling, quality control, maintenance, and production control systems.

464-G464—**Motion and Time Study.** Four hours. (184-484)

Prerequisites: B.A. 360 or 462.

A general course in the fundamentals of operation analysis, motion economy, micromotion techniques, time study, job standards, and fatigue and industrial efficiency.

470—**Labor Law and Legislation.** Four hours. (191)

A study of the development of legislation and of court decisions pertaining to labor relations. Special emphasis is given to the importance of legal principles involved in managerial decisions.

475—**Government Contracting.** Four hours.

Prerequisites: B.A. 310.

A course designed to inform the student of the opportunities and procedures of securing government contracts for business firms.

492—**Independent Study.** Four hours. (198)

A case problem to be worked out to meet the needs of the particular student; to include a research paper to be presented to the major professor and chairman of the department.

520—**Problems in Management.** Four hours.

A study of selected social, economic, industrial and personnel problems in current managerial practice.

540—**A Survey of American Financial Institutions.** Four hours.

An integrated study of the American financial structure. It is designed to give the student an understanding of all the major American financial institutions, their organizational structures, functions, interrelationships, methods of operation, and the services each one provides in our economy.

560—**History and Philosophy of Management.** Four hours.

A course designed to give the student a review and analysis of the writings of Taylor, Gilbreth, Fayol and later writers in the development of scientific and modern management. Changing philosophies, thoughts and ideas in the field of management will be emphasized.

580—**Seminar in Finance.** Four hours.

A study of selected problems in business finance.

598—**Thesis.** Six hours.

DEPARTMENT OF BUSINESS EDUCATION

Martin Stegenga, Chairman
Reck, Ewell, Bonner, Baldwin

The business education curriculum qualifies the student to teach business courses in secondary schools. In addition to this curriculum the Department of Business Education offers curricula in office management, secretarial studies and a two-year program in secretarial training.

Education is the minor in business teacher education. A student may not minor in business education.

The recommended minor in office management is: Accounting 201 and 202; Business Administration 460 and 464; Business Education 385; 450, and 460.

The recommended minor in secretarial studies is: twelve hours in typewriting, twelve hours in shorthand, and twelve hours in advanced business education courses. High school courses taken in typewriting and shorthand will reduce the number of required hours.

Business Teacher Education

College core requirements:	Hours
English 101, 102, 103—Freshman Composition	12
History 101, 102 or History 151, 152—World Civilization or American History	8
Speech 101—Oral Communication	4
Mathematics 100 or 101—Basic Mathematics or Algebra	4
Biology 101, 102	8
Physical Science	8
English 201—Introduction to Literature	4
Psychology 201—Elementary Psychology	4
Economics 251, 252—Principles of Economics	8
Social Studies—Government, Sociology or Geography	4
Fine Arts	4
Health 179—Personal Hygiene	4
Physical Education Activity Courses or Military Science	0 or 6
	72 or 78

School of Education and Psychology requirements:		
Secondary Education 313—Principles of High School Teaching	4	
Secondary Education 469—Tests and Measurements	4	
Electives from AVE 416, FED 328, GED 336, SED 462, and SED 464	6	
Secondary Education 451A—Methods in Business Education	4	
Secondary Education 481A—Directed Teaching	10	
Psychology 319—Education Psychology	4	
Psychology 332—Adolescent Psychology	4	
	36	
School of Commerce and Business Administration requirements:		
Accounting 201, 202, 203—Principles of Accounting	12	
Business Administration 310—Business Law	4	
Business Administration 450—Corporation Finance	4	
Elective to be selected from Marketing 300, Marketing 330 Marketing 355, Business Administration 100, Business Administration 325, Economics 330	4	
*Business Education 101, 102, 310—Typewriting	8	or 12
*Business Education 201, 202, 305, 371—Shorthand	12	or 16
Business Education 300—Business Correspondence	4	
Business Education 352—Filing Systems	2	
Business Education 354—Typewriting Problems	2	
Business Education 385—Office Practices	4	
Business Education 450—Office Machines	4	
Business Education 460—Office Management	4	
	64	or 72

Electives to complete total of 192 hours.

*One course of typewriting and one course of shorthand must be taken at Mississippi Southern College. Any student who has had a year of high school typewriting cannot take Business Education 101 for credit. A student with one year of shorthand in high school must start with Business Education 202. If a student has had more work than this in either or both fields, he should consult with the Chairman of the Department of Business Education about the appropriate beginning courses. With written permission from the business education department chairman, a student may graduate with a major in business teacher education without any shorthand and still qualify for Class A teacher certification.

Office Management

	Hours	
Freshman and sophomore curriculum		102
Commerce core		30
Major requirements as listed below		32
Business Education 352—Filing Systems	2	
Business Education 354—Typewriting Problems	2	
Business Education 310—Advanced Typewriting	4	
Business Education 385—Office Practices and Procedures	4	
Business Education 450—Office Machines	4	
Business Education 460—Office Management	4	
Business Administration 460—Personnel Management	4	
Psychology 202—Applied Psychology	4	
Psychology 449—Industrial Psychology	4	
Electives		28

Secretarial Studies

Freshman and sophomore curriculum	102
Commerce core	30

Major requirements as listed below	32
*Business Education 201, 202, 305, 371 or 372—Shorthand	16
Business Education 352—Filing Systems	2
Business Education 354—Typewriting Problems	2
Business Education 310—Advanced Typewriting	4
Business Education 385—Office Practices and Procedures	4
Business Education 450—Office Machines	4
Electives	28

*A student who does not use Business Education 372 to meet his major requirements must use four hours of his electives for the course.

Secretarial Training

Two-Year Curriculum

Required courses—general education as listed below	28
English 101, 102, 103—English Composition	12
Speech 101	4
Mathematics 100—Basic Mathematics	4
Psychology 201—General Psychology	4
Physical Education—Activity courses	0
Social Studies—Government 101, History 101 or 102, Sociology 103, or Geography 143	4
Required courses—commerce as listed below	64
*Business Education 101, 102, 103—Typewriting	12
*Business Education 201, 202, 305, 371 and 372—Shorthand	20
Business Education 352—Filing Systems	2
Business Education 354—Typewriting Problems	2
Business Education 300—Business Correspondence	4
Business Education 385—Office Practices and Procedures	4
Business Education 450—Office Machines	4
Business Administration 100—Introduction to Business	4
Economics 200 or 251—Principles of Economics	4
Accounting 201, 202—Principles of Accounting	8
Elective	4
	96

*If a student has had one year of typewriting in high school, he will start with Business Education 102, if a year of shorthand in high school, Business Education 202. The four or eight hours saved are to be used on two of the following courses: Economics 252; Accounting 203; Business Administration 310; Business Education 460; and Marketing 300 and 330.

BUSINESS EDUCATION COURSES

101—**Elementary Typewriting.** Four hours. (35)

For beginners in typewriting. Acquired keyboard control, developing correct typewriting techniques, and the application of this acquired skill to letter writing and simple tabulated reports. No credit to a student whose high school transcript shows one unit in typewriting.

102—**Intermediate Typewriting.** Four hours. (36)

Prerequisite: Business Education 101 or equivalent.

A review of keyboard and manipulative controls, with emphasis on letter style, manuscripts, and tabulated reports. Students who have had more than one year of typewriting in high school should enroll in Business Education 109.

201—**Beginning Shorthand.** Four hours. (66)

The theory and practice of Gregg simplified shorthand, with emphasis on fluency of writing and reading; a limited amount of dictation and transcription. English 101, 102 and 103 to be taken concurrently, or to have been completed previously.

202—**Intermediate Shorthand.** Four hours. (67)

Prerequisite; Business Education 201 or its equivalent.

Completion of theory of Gregg simplified shorthand, with some emphasis on dictation and transcription. English 101, 102, 103 to be taken concurrently or to have been completed.

300—**Business Writing.** Four hours. (103)

Prerequisite: English 101, 102, 103, and ability to typewrite.

The principles of effective business—letter writing, with the preparation of business letters, such as sales, credit, collection, business promotion, and application.

305—**Advanced Shorthand.** Four hours. (104)

Prerequisite: Business Education 202 or two years of high school shorthand.

A constant automatic review of shorthand theory, developing the student's shorthand speed and emphasizing mailable transcripts.

310—**Advanced Typewriting.** Four hours. (109)

Prerequisite: Business Education 102 or equivalent.

Preparation of stencils, business forms, and legal documents; further practice with tabulations, manuscripts, and letter forms.

340—**Adding and Calculator Machine Operation.** Two hours. (149)

Sufficient practice provided to develop a thorough working knowledge of the operations involved in the use of the following machines: rotary printing and key driven calculators; full key board and ten-key adding machines; and accounting posting machines. As an integral part of the course, considerable review is given in the fundamentals of business mathematics. This course may not be taken for credit by a student who has had Business Education 450 or its equivalent.

352—**Filing Systems.** Two hours. (111)

An introduction to major filing systems in business, with a study of standard rules for alphabetizing, practice in the use of common systems of filing, and the application of filing principles to specific types of business.

354—**Problems in Typewriting.** Two hours. (112)

Prerequisite: Business Education 102 or equivalent.

A review of techniques in skill building, with development of speed and accuracy in typing a variety of office forms and emphasis on shortcuts in production typewriting.

371—**Dictation and Transcription.** Four hours. (114)

Prerequisite: Business Education 305.

Emphasis on office style dictation using the vocabulary of different types of businesses.

372—**Advanced Dictation and Transcription.** Four hours. (115)

Prerequisite: Business Education 371.

The finishing course in shorthand dictation and transcription, with speed attained through the use of shortcuts used by court reporters and expert shorthand writers.

385—**Office Practice and Procedures.** Four hours. (118)

Prerequisite: Business Education 102.

A course covering practical secretarial problems and the building of an employable personality.

400—**Report Writing.** Two hours.

Prerequisite: Business Education 300.

The gathering, organizing and interpreting of business data, and the presentation of the findings in effective written report form.

450—**Office Appliances.** Four hours. (150)

Prerequisite: Business Education 35 or equivalent.

Sufficient practice to develop a thorough working knowledge of the operations involved on calculators, adding machines, transcribers, electric typewriters, posting machines, mimeoscope, and direct process and mimeograph duplicators. This course may not be taken for credit by a student who has had Business Education 340 or its equivalent.

460-G460—**Office Management.** Four hours. (160-460)

A study of the principles of management as applied to office work, covering office organization, supervision, layout, supplies, machines, training, office forms and reports, and office services.

DEPARTMENT OF ECONOMICS

Coldwell Daniel, III, Chairman
Dixon, Greene, McKenna, McQuiston

The curriculum in economics is intended to prepare the student for many positions in business or government or give him the background necessary for further study in a graduate school. For the non-major the courses in economics have become popular as a minor or as electives, for they add greatly to one's understanding of the social and economic environment in which he lives, thereby making him a better citizen as well as a better-informed businessman.

The recommended minor in economics consist of Economics 250, 251, 310, 330, 340 and two advanced courses, preferably 300 and 340. A commerce major should substitute Economics 470 for Economics 250, which is to be taken as part of the social science requirements in the commerce core.

Economics—Bachelor of Science Degree

		Hours
Freshman and sophomore curriculum		102
Commerce core		30
Major requirements as listed below		32
Economics 310—Economic History of the United States	4	
Economics 340—Microeconomic Theory	4	
Economics 345—Macroeconomic Theory	4	
Economics 350—International-Trade Theory	4	
Economics 470—Comparative Economic Systems	4	
Electives in economics	12	
Electives		28

Economics—Bachelor of Arts Degree

*Bachelor of Arts core curriculum	68 or	74
Major requirements as listed below		36
Economics 251—Principles of Economics II	4	
Economics 310—Economic History of the United States	4	
Economics 330—Money and Banking	4	
Economics 340—Microeconomic Theory	4	
Economics 345—Macroeconomic Theory	4	
Economics 350—International Trade Theory	4	
Economics 470—Comparative Economic Systems	4	
Electives in economics	8	
Minor requirements and electives	82 or	88

*One of the requirements in social studies must be Economics 251. The core hours include Mathematics 320, which is required by the Department of Economics but not the core itself.

Foreign Trade—Bachelor of Arts Degree

	Hours
*Bachelor of Arts core curriculum	76 or 82
Major and minor requirements as listed below	80
Economics 251—Principles of Economics II	4
Accounting 201, 202, 203—Principles of Accounting	12
History 463—Latin-American History Since 1830	4
Business Administration 360—Principles of Management	4
Business Administration 310—Business Law	4
Marketing 300—Principles of Marketing	4
Economics 330—Money and Banking	4
Economics 340—Microeconomic Theory	4
Economics 345—Macroeconomic Theory	4
Economics 350—International Trade Theory	4
Economics 355—International Trade Practices	4
Spanish 301, 303, 305—Conversation, Phonetics, Commercial	12
Spanish 431, 432, 433—Spanish-American Literature	12
Electives	30 or 36

*The student must take Economics 250 and Geography 318 as eight hours in social studies. The core hours listed above include 24 hours of Spanish, consisting of Spanish 101, 102, and 103 or Spanish 111, 112, 113, and Spanish 201, 202, 203. Spanish 111, 112, 113 is especially recommended for this curriculum.

ECONOMICS COURSES

200—**Introduction to Economics.** Four hours. (54)

A course for non-commerce majors only.

An introductory course in economic principles, with emphasis on fundamental economic concepts as they relate to citizenship and the understanding of national and international problems.

251—**Principles of Economics I.** Four hours. (55)

An introduction to political economy and economic analysis with reference to price determination in markets for both resources and final products under competitive and monopoly conditions.

252—**Principles of Economics II.** Four hours. (56)

An introduction to political economy and economic analysis with reference to international trade and to the determination of income, employment, and the price level.

300-G300—**Elementary Techniques of Quantitative Analysis.** Four hours.

Prerequisite: Elementary statistics.

An elementary study of the use of basic mathematical concepts and techniques in economics and business problem solving.

305-G305—**Elementary Decision Theory.** Four hours.

Prerequisite: Elementary statistics.

An introductory study of data processing, set theory, probability theory, and the testing of hypotheses.

310-G310—**Economic History of the United States.** Four hours. (112-422)

A study of the economic forces that have led to the development of American economy as it exists today.

330-G330—**Money and Banking.** Four hours. (133-433)

Prerequisite: Economics 250, 251.

A study of money, the banking system, and monetary policies.

340-G340—**Microeconomic Theory.** Four hours. (169-469)

Prerequisite: Economics 251.

An intermediate course dealing with the determination of prices.

345-G345—**Macroeconomic Theory.** Four hours. (171-471)

Prerequisites: Economics 250 and 251.

An intermediate course dealing with economic growth and the determination of income, employment, and the price level.

350-G350—**International Trade Theory.** Four hours. (190-490)

Prerequisite: Economics 330.

A course covering the historical development of international trade, the importance of trade, the mechanism of international payments, and modern theories dealing with the subject.

355-G355—**International Trade Practices.** Four hours. (192-492)

The fundamental techniques of exporting and importing, methods of financing exports and imports, documentary procedures, and current problems in international trade.

360-G360—**Business Cycles.** Four hours. (180-480)

Prerequisites: Economics 250, 251, and 330.

A study of the nature and causes of business cycles, and a consideration of stabilization policies.

400-G400—**Public Finance.** Four hours. (129-429)

Prerequisites: Economics 250 and 251.

A study of the financial policies of government within the context of the social goals to be accomplished by governmental spending and fund raising.

410-G410—**Economics of Labor.** Four hours. (127-427)

Prerequisites: Economics 250 and 251.

The study and analysis of the labor market with special reference to the institutional setting, wage determination, and the major problems of modern employment in an industrial economy.

420-G420—**Economics of Public Utilities.** Four hours.

Prerequisites: Economics 250 and 251.

A study of the development, institutional bases, structure, characteristics, and regulation of public utilities.

430-G430—**Economics of Urban Areas.** Four hours.

Prerequisites: Economics 250 and 251.

An analysis of the economic problems of urban areas, with special reference to the problems of urban land utilization, of the financing of governmental services in urban areas, and of metropolitan government.

440-G440—**Economic Growth: Theory and Problems.** Four hours.

Prerequisites: Economics 250, 251 and 330.

An analysis of the problems of economic development faced by regional and national areas in their efforts to achieve greater growth and progress. Case studies are used.

445-G445—**Economic Geography**

See Geography 445.

450-G450—**Money, Credit, and Monetary Policy.** Four hours.

Prerequisites: Economics 250, 251, and 330.

A consideration of the nature and structure of money markets, of interest rate determination and patterns, and of the effects of monetary policy on money markets.

460-G460—**Fiscal Theory.** Four hours.

Prerequisites: Economics 250, 251, and 330.

A study of the theoretical bases for governmental fiscal operations. Although

federal problems are emphasized, state and local fiscal questions are also discussed.

470-G470—**Comparative Economic Systems.** Four hours. (195-495)

Prerequisites: Economics 250, 251, and 330.

A course designated to acquaint the student with the origins, development, and characteristics of fascism, socialism, communism and capitalism.

482-G482—**Contemporary Economic Problems I.** Two hours. (105)

Prerequisites: Economics 250 and 251.

An introductory study and analysis of the economic problems of monopoly, international trade, and income distribution.

484-G484—**Contemporary Economic Problems II.** Two hours. (106)

Prerequisites: Economics 250 and 251.

An introductory study and analysis of the economic problems of government enterprise, the business cycle, inflation, and growth.

500—**Economic Analysis.** Four hours.

Prerequisites: Principles of economics and an advanced course in economics or the consent of instructor.

An advanced study of the theories of price and income.

510—**Monetary Theory and Fiscal Policy.** Four hours.

Prerequisites: Principles of economics and an advanced course in economics or consent of instructor.

A study of the forces determining the general level of prices and of alternative monetary and fiscal policies in the light of social goals.

530—**History of Economic Thought.** Four hours.

Prerequisites: Principles of economics and an advanced course in economics or the consent of instructor.

The development of economic theory since Adam Smith.

550—**Problems in Political Economy.** Four hours.

Prerequisites: Principles of economics and an advanced course in economics requiring economic analysis.

An examination of national economic problems and a critical analysis of the policies adopted to solve or to ameliorate them.

598—**Thesis.** Six hours.

DEPARTMENT OF MARKETING

Richard Vreeland, Chairman
Sorbet, Starling, Bullard

The increasing emphasis which is being placed on the problems of marketing the nation's output of goods and services has created many new positions of responsibility in the business world. The curricula below are designed to train college graduates for those positions.

The recommended minor in marketing for a non-commerce major is: Accounting 201 and 202 or Economics 251 and 252, Marketing 300, and four advanced courses in marketing.

The recommended minor in marketing for a non-commerce major is of five advanced courses in marketing above 300, which may include Business Administration 361.

General Marketing

	Hours
Freshman and sophomore curriculum	102

Commerce core		30
Major requirements as listed below		32
Marketing 330—Salesmanship	4	
Marketing 332—Principles of Retailing	4	
Marketing 350—Principles of Wholesaling	4	
Marketing 355—Principles of Advertising	4	
Marketing 450—Industrial Marketing	4	
Marketing electives	12	
Electives		28

Sales and Sales Management

Freshman and sophomore curriculum		102
Commerce core		30
Major requirements as listed below		32
Marketing 330—Salesmanship	4	
Marketing 355—Principles of Advertising	4	
Marketing 400—Marketing Management	4	
Marketing 410—Marketing Research	4	
Marketing 470—Marketing Problems	4	
Marketing electives	12	
Electives		28

Advertising

Freshman and sophomore curriculum		102
Commerce core		30
Major requirements as listed below		32
Marketing 330—Salesmanship	4	
Marketing 355—Principles of Advertising	4	
Marketing 365—Advertising Copy and Layout	4	
Marketing 410—Marketing Research	4	
Marketing 475—Promotion Development	4	
Marketing electives	12	
Electives		28

Retail Management

Freshman and sophomore curriculum		102
Commerce core		30
Major requirements as listed below		32
Marketing 330—Salesmanship	4	
Marketing 332—Principles of Retailing	4	
Marketing 335—Retail Merchandising	4	
Marketing 355—Principles of Advertising	4	
Marketing 461 and 462—Retail Management Training	12	
Marketing elective	4	
Electives		28

MARKETING COURSES

300-G300—**Principles of Marketing.** Four hours. (130)

A study designed to give a general understanding of marketing in present day society, the channels involved in the distribution of goods, the functions performed by the institutions and agencies in marketing.

330—**Salesmanship.** Four hours. (134)

A study of the fundamentals and techniques of salesmanship. Students apply the sales techniques by making sales presentations on which critical appraisals are given.

332—**Principles of Retailing.** Four hours. (135)

Prerequisites: Marketing 300 or permission of instructor.

A survey course comprising an analysis of the factors underlying the successful operation of retail stores including location, stock arrangement, buying and selling, advertising and dislay, merchandise, planning and control, personnel management, and customer relations.

335—**Mathematics of Retailing.** Four hours. (156)

Prerequisite: Marketing 332.

A study of the tools that buyers and merchandise managers use, including purchase planning, markup, inventory control, turnover, operating statements, and expense control.

350—**Principles of Wholesaling.** Four hours. (152)

Prerequisite: Marketing 300 or permission of instructor.

A study of the field of wholesaling including wholesale centers, types and classes of wholesale organizations and recent trends in wholesaling. Principles governing location, purchasing, receiving, stock control, sales management, order filling, expense and profit control are considered.

355—**Principles of Advertising.** Four hours. (137)

A study of methods used to disseminate among groups information concerning goods and services, the sales promotional aspects of such dissemination, and the evaluation techniques available.

360—**Credit and Collection.** Four hours. (136)

A study of the nature of credit in its relations to the distribution of goods, the management activities involved, and collection procedures available.

375—**Advertising Copy and Layout.** Four hours. (157)

Prerequisite: Marketing 355.

A study of principles and techniques of advertising presentation adaptable to mass communication media and direct advertising.

400—**Marketing Management.** Four hours. (155)

Prerequisites: Marketing 300 and Business Administration 360.

A study of principles involved in effective distribution of goods, analysis of promotion activities necessary to effect sales, and control measures available.

410-G410—**Marketing Research.** Four hours. (158-458)

Prerequisites: Marketing 300 and Mathematics 320.

A study of principles and techniques used in marketing research and evaluation of such research.

450—**Industrial Marketing.** Four hours. (162)

Prerequisite: Marketing 300.

A study of the special problems involved in marketing materials, equipment, and supplies to manufacturers, other business firms, and institutions that use the goods in further production; determination of methods and policies appropriate to the goods and the marketing situations.

461-462—**Retail Management Training.** Six hours each. (165-166)

Prerequisites: Marketing 300, 332, 355 and permission of faculty supervisor.

Experience in the operation and management of retail activities. Work is to be done in a cooperating retail store. Management trainee is under the control of and makes reports to faculty supervisor.

Twelve hours of credit must be earned by the students. Part-time work will receive a maximum of six hours of credit per quarter. Full-time work will receive twelve hours of credit per quarter. The credit given for these courses will be extension credit rather than residence credit. This means the student cannot take this work his last quarter before graduating unless it is part-time work and he is carrying at least twelve hours of class work. The hours earned

in 461-462 must be included in the amount of extension and correspondence credit which may be applied toward a degree.

470-G470—**Marketing Problems.** Four hours. (170-470)

Prerequisite: Marketing 300 and consent of instructor.

An examination of specific problems in the field of marketing, including problems of the individual enterprise with relation to channels of distribution, pricing, promotion, organization and trends. The case method is employed.

475-G475—**Promotion Development.** Four hours. (177-477)

Prerequisites: Marketing 300 and 355 or consent of instructor.

A study of the relationship of the business organization to the various interest groups which affect its promotional results, and the policies and procedures utilized in connection with such groups.

535—**Seminar in Marketing.** Four hours.

Prerequisites: Principles of economics and marketing.

An advanced study of marketing theories and phenomena.

DIVISION OF CONTINUING EDUCATION

PURPOSE

The Division of Continuing Education, formerly the Division of Extension and Correspondence, was created to coordinate and administer certain educational functions involving two or more of the existing schools and divisions of the college and to provide certain educational programs for adults throughout the state.

DEPARTMENT OF CORRESPONDENCE

Although the direct or residence method of instruction is superior in some respects, the correspondence method of study presents a number of advantages which make it particularly suited to the needs of the serious student who is actively interested in the mastery of his studies.

Some of the more apparent advantages of correspondence instruction are: a correspondence course may be begun at any time and completed without interruption as rapidly or as slowly as desired; the student may concentrate on one course at a time; he is unhampered by limitations of time in studying or reciting, or by the rate of a class through the course; the recitations take written form, giving training in logical thinking and arrangement of data, and developing the student's ability of expression; writing the recitations helps the student to remember the significant points of the course; and finally, correspondence study develops the student's initiative, self-reliance, accuracy, and above all, his perseverance.

Correspondence courses do not offer a short cut; they are organized to coincide as closely as possible with the corresponding courses offered in residence at the college and are usually given by the instructor having charge of similar residence courses. The chief merit of such courses is that they offer the isolated student, teacher, housewife, and businessman the opportunity of advantageously utilizing spare hours at home in the pursuance of studies for college credit under college tutelage.

A correspondence course is presented in a number of assignments, usually twenty-four for a four quarter hours course. Several hours of preparation are expected on each assignment, since an assignment represents approximately one half week's work in residence. Each assignment contains full directions for study, including references to the text, necessary suggestions for assistance, and questions to be answered. Upon satisfactory completion of a college-level correspondence course, college credit will be granted.

High School Correspondence: Mississippi Southern College, in cooperation with the State High School Accrediting Commission, established a Department of High School Correspondence in 1946. The specific aims of this department are varied, but the primary purposes are: (1) to provide opportunity for further study to those for whom it is inconvenient to attend regular school; (2) to enrich the high school curriculum; and (3) to provide courses meeting specific college entrance requirements.

A student taking high school correspondence work for credit must have a supervisor to be appointed by the high school superintendent. The supervisor must not be a parent or guardian of the student.

The registration fee for each one-half unit of credit is $15.00. All courses are divided into one-half units. No fees are transferable, nor will they be refunded after the student has registered for a course.

The maximum time for the completion of a one-half unit course is one year from the date of registration. For reasons considered adequate by the Department of Correspondence, this time may be extended one time only for three months upon payment of a renewal fee of $3.00. Application for such extension of time must be made before the date of expiration of the course.

Textbooks may be purchased by the student from the Mississippi Southern College Bookstore, Station A, Hattiesburg, Mississippi. Requests for books sent to the Department of Correspondence will be returned to the student.

College Correspondence: 1. The matriculation fee for a college-level correspondence course is $5.00 per quarter hour. Thus the fee for a four quarter hours course is $20.00, and for a two quarter hour course is $10.00.

2. Textbooks may be ordered by the student from the college bookstore or from the publisher whose name and address are listed on the first assignment sheet. Any correspondence about textbook should be addressed to the Mississippi Southern College Bookstore, Station A, Hattiesburg, and not to the Department of Correspondence.

3. Fees are not transferable and are not returnable after lesson assignments have gone out of the correspondence office.

4. If credit is desired, the student must meet the usual college entrance requirements and the course prerequisites.

5. No more than forty-eight quarter hours earned in correspondence and/or extension may be counted toward a degree from Mississippi Southern College. A maximum of 12 quarter hours may be taken by correspondence in any one department, such as the Department of Elementary Education, the Department of Psychology, etc.

6. Students seeking enrollment in correspondence study courses are required to fill out an application blank for each course. A student may not enroll for more than one course at a time without special permission.

7. The maximum time for completion of a four-hour course is one year from the date of acceptance of the application. For reasons considered adequate to the Department of Correspondence, this time may be extended one time upon payment of a fee of $3.00. Applications for extension of time should be accompanied by the fee for such extension. No such application can be considered unless received before the expiration date of the original 12 month period.

8. The minimum time for the completion of a course is one month from the date of beginning work, provided assignments are sent in two or three at a time at regular intervals proportionately spaced over the minimum time.

9. No correspondence work may be done by students in attendance at any institution of higher learning unless they have written permission from the dean of the institution. Correspondence work done while in residence becomes a part of the students load for the quarter, and the work must be completed within that quarter. Courses taken during the Christmas vacation will be counted as a part of the student's load for the winter quarter unless they are completed before the winter quarter begins.

10. Teachers in service will not be allowed to complete more than four quarter hours per quarter. Correspondence work and extension work may be taken simultaneously if the rule that no more than four quarter hours may be taken in any one quarter is observed.

11. All lessons should be mailed in promptly by the student upon completion.

12. Credit will not be allowed when there is evidence that unfair assistance has been obtained either on the lessons or on the final examination. Students denied credit for this reason may not repeat the course by correspondence.

13. Two persons from the same school community or the same family are requested not to register for the same correspondence course, since they are not to work together on their correspondence lessons.

14. Correspondence courses do not carry quality points and may not be taken to remove failing or incomplete grades received on the campus without the written approval of the dean.

15. Students under suspension from any college will not be permitted to take correspondence courses during the period of suspension.

16. A non-residence course in correspondence that is to be used to complete graduation requirements must be completed, including the examination, and be in the hands of the Department of Correspondence not later than two weeks before the date of the commencement at which the student aspires to receive his degree.

17. The Department of Correspondence is not responsible for lessons lost in the mail because of insufficient postage or otherwise.

Rules for Preparation of Assignments: 1. Use 8½ x 11 lightweight typing paper. In preparing assignments, observe carefully the following rules:

a. Write on one side of the paper only.

b. Write with a typewriter or ink.

c. Leave a margin of one inch on both sides of the paper.

2. Write your name and address, the name of the course, and lesson number at the top of the first page of each assignment.

3. Do not include any letters with lessons. All business and other communications must be written on a separate sheet and mailed in a separate envelope.

4. At the end of the course, return all assignment sheets together with the last lesson.

Mailing of Lessons: 1. Envelopes addressed to the Department of Correspondence are sent with the outline of the course. The lessons must be mailed in these envelopes, three or more assignments to an envelope. Write your full name and address in the upper left corner of each envelope.

2. In the lower left corner of the envelope, write the name of the course and numbers of the assignments enclosed.

3. Have your lessons weighed before mailing; be sure there is enough postage on them. When the postage is insufficient, the Department of Correspondence will not accept the lessons.

Examination Instructions: 1. Upon the completion of all lesson assignments, the student must immediately make arrangements with the Department of Correspondence for the final examination. The request for the examination should be made on the special form which will be provided for this purpose, and should not be enclosed with lesson assignments.

2. All final examinations must be administered by one of the following:

a. One of the formally established examination centers; twenty-two of these centers are in existence throughout the state for the convenience of students. A list of these centers will be sent the student by the Department of Correspondence.

b. The dean, registrar, or director of correspondence at a college or university of recognized standing.

c. The commanding officer or educational services director of a military establishment.

d. The Department of Correspondence in Hattiesburg.

3. Students should not spend more than three hours on the examination.

4. All examinations must be written in ink or with a typewriter.

5. No second examination will be given.

6. Students who are taking a course to remove a failing grade received in a campus or correspondence course may be required to come to the campus for the final examination.

7. When the examination is taken off the campus, leave enough postage with the person administering the examination for mailing it to the Department of Correspondence for grading.

COURSES OFFERED BY CORRESPONDENCE ON THE COLLEGE LEVEL

Business Administration & Commerce
- 40 Introduction to Business
- 55 Principles of Economics, Part I
- 56 Principles of Economics, Part II
- 71 Principles of Accounting I
- 72 Principles of Accounting II
- 73 Principles of Accounting III
- 103 Business Correspondence
- 126 General Insurance
- 130 Principles of Marketing
- 134 Salesmanship
- 142 Principles of Management
- 166 Business Law I
- 167 Business Law II
- 170 Real Estate

Education
- 20 The Teacher and the Community
- 66 The Modern Elementary School
- 101 Arithmetic in the Elementary School
- 103 Social Studies in the Elementary Grades
- 107 Reading and Language Arts in the Elementary School
- 113 Principles of Teaching in High School
- 117 Methods and Materials in Children's Literature
- 128 Historical Foundations of American Education
- 136 Principles of Guidance
- 143 Methods and Materials in the Elementary Grades
- 151K (Formerly Mathematics 131) The History of Mathematics
- 151L (Formerly History 125) Methods in Social Studies — Secondary
- 162 Curriculum of the Secondary Schools
- 169 Tests and Measurements

English
- 73 An Introduction to Literature
- 74 An Introduction to Literature

Government
- 25 American Government
- 130 State Government

Health
- 27 Community Hygiene
- 79 Personal Hygiene
- 125 Problems of Child Health

History
- 27 World Civilization, 5000 B.C. to 1648 A.D.
- 28 World Civilization Since 1648 A. D.
- 61 Problems in American History
- 62 Problems in American History, Continued
- 129 Recent American Foreign Relations
- 138 History of the Old South
- 140 Civil War and Reconstruction
- 170 Recent European History

Mathematics
- 21 Basic Mathematics
- 31 College Algebra
- 32 College Algebra
- 35 Plane Trigonometry
- 75 Analytical Geometry
- 76 Analytical Geometry
- 131 See Education 151K
- 138 The History of Mathematics

Physical Education
- 56 History of Physical Education
- 70 Introduction to Physical Education
- 100B Coaching The Major Sports — Basketball

100C Coaching The Major Sports — Baseball
151 Physical Education in Secondary Schools

Psychology
185 Literature of the South

Geography
110 Geography of United States and Canada
118 Geography of South America, Mexico, and the Caribbean Countries
145 Advanced Economic and Commercial Geography
190 Organization and Administration of Health and Physical Education
65 General Psychology
116 Human Growth and Development, Part I: Child
119 Educational Psychology
132 Human Growth and Development, Part II: Adolescent
137 Mental Hygiene

Recreation
140 Recreation Leadership

Sociology
107 (Formerly 75) Rural Sociology

DEPARTMENT OF CONFERENCES, INSTITUTES, AND WORKSHOPS

Conferences, institutes, and workshops have been held on the Mississippi Southern College Campus for several years. However, the coordination of these activities has only recently become a responsibility of the Division of Continuing Education. This division now stands ready at all times to assist educational, professional, business, and industrial groups in setting up conferences, institutes, workshops and related activities on the college campus. Such activities are welcomed to the campus, regardless of whether they are for one day, several days, or several weeks.

Conferences, institutes, and workshops may carry college credit, provided prior approval is given by the Academic Council, and provided approved instructors, consultants, and lecturers are employed. Normally, a maximum of one and one-half quarter hours credit per week may be earned in such activities. The tuition for this credit is $6.00 per quarter hour. Sponsoring individuals and organizations may also assess, upon proper approval, special fees to help defray the expenses of the program.

Convenient and comfortable building facilities for large and small group meetings are available on the campus. Housing in college dormitories or the College Union Building, and meals at the college cafeteria, all at nominal rates, are also available to individuals participating in both credit and non-credit programs. Motels, restaurants, and shopping centers are also within walking distance of the campus.

Individuals or organizations desiring to conduct a conference, institute, or workshop on the Mississippi Southern College Campus should contact the Director of the Division of Continuing Education for details and approval of the activity.

DEPARTMENT OF EXTENSION

The function of the Department of Extension is to make available, as largely as possible, to every community and every individual in the state the advantages of the general equipment, educational training, and specialized information represented on the college campus. Arrangements can be made to offer by extension most of the courses included in the college catalog, provided qualified teachers, and satisfactory library and laboratory facilities are available. In many of the academic areas, it is possible to offer courses without special library arrangements other than those available through the college.

General Regulations: 1. Extension classes spend the same number of hours in recitation as are required for the same course taken in residence. Any person qualified to profit by an extension course may be admitted to classes for non-credit study upon the payment of the full tuition fee. However, those who

desire college credit for a course must meet regular admission requirements.

2. Extension classes are organized upon proper petition by school principals, superintendents, or responsible local citizens. Blanks for filing petitions may be secured from the Department of Extension. It is the responsibility of the prospective members of a class to provide adequate classroom space.

3. The tuition fee for extension courses is $6.00 per quarter hour for both graduate and undergraduate courses. Registration in extension classes is not permitted after the beginning of the third class meeting. In some instances, attendance at either the first or second meeting of the class may be required. All fees are to be paid at the time of registration. Fees are not transferable and are not returnable after the second meeting of the class.

4. · In-service programs and short term courses, with or without credit, may be organized through the Department of Extension. Fees for such services are determined on the bases of the type of program planned, the amount of credit to be granted, the number of participants, the distance of the program from the main campus, and the facilities provided. Certificates may be granted to participants of these activities upon the request of the sponsoring group.

DEPARTMENT OF THE EVENING COLLEGE

The Department of the Evening College is designed to serve the adult population of Hattiesburg and other communities within commuting distance of the campus. It is founded on the philosophy that education, to be maximally effective, must be a continuous process and that the evening classes present rich opportunities for self-improvement to present and potential students.

The popularity and success of the Evening College is evidenced by its ever-increasing enrollment and the rapid expansion of its curricula, which is being increasingly designed to meet the needs of the individuals, business, professional, and industrial organizations of Hattiesburg and the surrounding communities. Individuals or groups experiencing needs which are not being currently met through the offerings of the Evening College should communicate such needs to the director of the program.

Evening college classes are adapted in content and method, insofar as possible, to the needs of special groups including:

1. Persons whose formal education has been interrupted and who desire to follow a course leading to a college degree.
2. High school graduates who plan to take a complete college program leading to a degree, but who wish to cover the earlier part of this program by part-time study while employed.
3. Mature citizens who desire to pursue further study in order to keep abreast of new developments in their major field of interest.
4. Individuals who wish to obtain certain cultural and vocational training, but who do not desire to work toward a college degree.

Students may register as auditors, special students, or classified degree candidate students. Auditors are those who do not desire credit for their work. They are admitted to classes upon the payment of one-half of the regular tuition charges. Individuals are classified as special students without submitting formal transcripts of previous work when they plan to transfer to their former school for graduation. They must present official statements of good standing at the college from which they come. Other irregular students may be classified as special students with permission of the Admissions Committee. Degree candidate students must meet all requirements for admission as set forth in the college catalog.

Students may withdraw from classes during the first four weeks of a

quarter without record of grade. To withdraw officially, students must notify the Dean of the College in which they are registered.

The Evening College reserves the right to eliminate classes in which an insufficient number register. Students who have enrolled in such classes may transfer to other classes, or receive a full fee refund.

The cost of attendance in the Evening College is $6.00 per quarter hour for part-time students and $67.00 per quarter for full-time students (12 hours or more). An additional fee of $1.00 is charged each part-time student for the operation of the College Union Building. Those driving automobiles will also be required to pay a vehicle registration fee of $1.00 per calendar year.

horse
pig
rooster
chick

SCHOOL OF EDUCATION AND PSYCHOLOGY

Ralph S. Owings, Dean

Mississippi Southern College is accredited by the National Council for Accreditation of Teacher Education for the preparation of elementary school teachers, secondary school teachers, and school service personnel, with two (2) years of graduate study approved. The graduate programs can be found in the graduate bulletin.

The purposes of the School of Education and Psychology are to offer those courses in education and psychology required in the preparation of teachers for elementary and high schools; to give basic training in the field of psychology for the student who will continue his work in graduate school, pursuing advanced degrees in this field; to collaborate with other schools and divisions in matters pertinent to teacher education; to conduct experimental and research studies in education and psychology; and to work with other educational agencies, professional groups, school personnel, and others interested in the evaluation and improvement of educational opportunities, programs, and services.

Organizational Plan of the School

Fourteen undergraduate departments, areas and special services are included in the School of Education and Psychology, each of which has an administrative chairman or director. They are Conservation and Natural Resources, Elementary School Education, Health, Industrial Arts, Library Science, Physical Education, Psychology, Recreation, Secondary School Education, Therapy, Audio-Visual Education, Reading Clinic, Special Education Services, and Student Teaching. The Department of Guidance and the Department of School Administration, Supervision and Curriculum, which are of graduate rank, are joined by the graduate areas of other undergraduate departments of the school, and administered in a similar manner to the undergraduate areas.

Teacher-Education Curriculum

A student desiring to qualify for a license to teach registers in this school. In so doing it is assumed that he or she possesses the personal qualifications to become a successful teacher. Such a student should seek counsel and guidance early in his college career regarding the academic, professional, and personal requirements necessary to qualify. Courses in education and psychology required for teachers' licenses, popularly known as professional courses, are best taken in sequence and not crowded into one or two quarters. Such qualifications are established by state boards of education or similar agencies, and usually require the candidates to follow a course pattern extending over two or more years. The dean of the school and faculty will gladly advise a student wishing to apply for a teacher's certificate in Mississippi or other states and assist in planning schedules.

The core curriculum, required of all freshmen and sophomores, is found in its own pertinent section of this bulletin. The core curriculum for the student desiring to teach in the elementary school (grades 1-8) is set forth in detail elsewhere in this bulletin, and the senior college curriculum is given on the following pages. The student will major in elementary education in this case.

A student who wishes to teach in high school (grades 7-12) will enroll in the school and major in an academic department of his choice, such as English, chemistry, or industrial arts. The professional courses which he will take to qualify for a teaching license are listed also in a separate section.

All students who wish to be graduated with a professional degree are required to take the National Teacher Examination before graduation.

Teaching, observation, and other school and community experiences are provided for students preparing for a professional license to teach in elementary or secondary schools. These experiences are supervised by college personnel and are performed on an all-day basis for one quarter in cooperating schools off-campus.

Qualified seniors may enroll for student teaching at the appropriate grade level or in their major field during one quarter of the regular school year provided they have made application two regular quarters in advance. There will be no student teaching offered during the summer quarter. Student teachers for the fall quarter should apply at the beginning of the preceding winter quarter.

In-service student teaching is designed for experienced teachers who in effect have proven their ability to plan and to carry out effective classroom procedures on their own initiative. Initial enrollment for this work is limited to the fall quarter and is open only to teachers who have had two years experience and who hold a full-time teaching position.

The attention of students is called to the maximum of twelve hours of correspondence allowed to count toward a degree in any department.

SPECIAL EDUCATION AND CLINICAL SERVICES

Mississippi Southern College continues to train the majority of teacher-specialists working in the public schools of Mississippi. The special education curriculum has been expanded to meet the higher certification requirements recently established for teachers of exceptional children.

Students interested in entering the field of special education are afforded opportunity for clinical experience as well as a sequence of courses designed to prepare them for several of the fields of work in special education. This program provides for experience in diagnostic and remedial reading, theory and practice dealing with the problems related to speech and hearing, and work in both the theoretical and applied areas of psychology.

The special education services provide psychological testing for the diagnosis and selection of mentally retarded children for special classes in the public schools, working in cooperation with the state supervisor of special education.

COLLEGE READING CENTER

In order to provide opportunities for reading improvement to the college students, the College Reading Center was established in 1953 as an adjunct of the Reading Clinic.

Testing, counseling, and instruction are provided in several areas of reading: increasing speed of comprehension, developing vocabulary, and improving study skills and habits.

There is no charge for this service for college students.

THE READING CLINIC

The functions of the Reading Clinic are varied and relate primarily to the training of remedial teachers, diagnosis and research. Its testing and individual teaching facilities offer training for prospective specialists in the reading field as well as teachers who wish to become more proficient in the teaching of reading.

A graduate course leading to the Master's degree with a major in the psychology of reading has helped fill the demand for qualified, well-trained

reading specialists. Work with a broad emphasis in educational psychology leads to the doctor's degree.

Corrective and developmental work in study-type reading is offered to all students enrolled in the college. Increasing the speed of reading while maintaining full comprehension is a part of this work.

Children may be referred to the clinic by superintendents, teachers, parents, vision specialists, and other agencies. The fee for a complete educational diagnosis and a suggested program for remedial procedures is $10.00 or a proportionate part, based on ability to pay.

Daily instruction is given to out-of-town and local children throughout the school year and through the summer months. If a child is enrolled in the clinic for individual remedial instruction, the fee is $20.00 per month. It is usually desirable to have a child receive instruction four periods per week. The total number of hours for remedial training required by a child will vary with the extent and type of difficulty exhibited.

The increased demand for teachers who are qualified as reading specialists has brought about the extension of courses to meet this demand. Write to the director of the Reading Clinic for information.

SPEECH AND HEARING CLINIC

The Mississippi Southern College Speech and Hearing Clinic has a dual function. One is to provide facilities for the training of specialists in the area of clinical speech and audiology. A second function is to provide clinical services for persons with speech and hearing problems.

Courses are offered in speech and hearing at the undergraduate level leading to either a Bachelor of Arts or a Bachelor of Science degree. A Master of Arts degree may be earned at the graduate level. Clinical training and course sequences meet the certification requirements of the American Speech and Hearing Association.

Clinic services include both diagnostic examinations and therapy programs for both children and adults who have speech or hearing problems. These services are for both college students and members of the community. A nominal fee is charged for clinical services.

DEPARTMENT OF EDUCATIONAL ADMINISTRATION AND SUPERVISION

Moody, Owings, McQuagge

The Department of Educational Administration has the responsibility of training school administrators for various supervisory and administrative positions. Principals, supervisors, and superintendents are required to complete certain specified courses in this area of service, and such courses are offered in this department and in allied departments of the college. See the graduate bulletin for further information.

EDUCATIONAL ADMINISTRATION COURSES

AED 513—Organization and Administration of the Junior High School. Four hours.

The philosophy, functions, and curriculum and their implementation in the organization and administration of the junior high school program.

AED 516—Secondary School Administration. Four hours.

The practical problems encountered by high school principals: scheduling, calendar, attendance, discipline, office management, records and reports, ac-

tivities, selection and supervision of staff; the principal's professional growth and his relationship to the school, teachers, and patrons.

AED 518—The Elementary School Principal. Four hours.

A study emphasizing the administrative problems of the principal. Considers practices in administration, supervision, school plant, supplies and equipment, attendance, curriculum, personnel, and parent-teacher cooperation. Stresses the professional leadership of the principal.

AED 520—Local School Administration. Four hours.

A basic course designed for the local school superintendent, (city, county, town, or consolidated district), dealing with the various internal and external problems of the school superintendent, particularly with the legal, financial and school plant problems of the local school system.

AED 526—Supervision of Instruction. Four hours.

A practical course in supervision from the standpoint of the elementary or secondary principal, supervisor, or superintendent. Emphasizes growth of teachers in service.

AED 568—Public School Finance and Business Management. Four hours.

Principles of taxation: local, state, and federal financing of public education; equalization of educational opportunity; budget making; school business administration; management of school property and supplies. For superintendents and business managers.

AED 592—Special Problems I, II, and III. One to three hours. (535a, b, c)

A problem study to be approved by the department head, to develop knowledge and facility in a field of interest for the student which requires preparation of a scholarly paper under the supervision of authorities in the field of educational research.

AED 594—Field Problems I and II. Four hours each. (555a, b)

Opportunity to study local school problems of curriculum revision, course of study construction, evaluation of methods, building projects, community surveys, testing programs, and record systems under careful supervision of authorities in the field of educational research.

AED 598—Thesis. Eight hours. (Credit deferred until thesis completed) (514b)

AED 698—Research Problem. Four hours. (702)

Selection of practical educational problems for solution by candidates for Specialist in Education degree, using research and professional knowledge. Scholarly report required.

AED 700—Advanced School Administration and Supervision. Four hours.

This course deals with the theory and concepts underlying present day school administration and supervision.

AED 704—School-Community Relations. Four hours.

A study of the public relations problems faced by the in-service superintendent; reporting to parents and acquainting the community with the purposes, methods, accomplishments and needs of the school.

AED 706—Administration of School Buildings and Grounds. Four hours.

Designed for the local superintendent, treating the problems of housing, such as surveys, architect, finance, site, plans and specifications, equipment, awarding contract, construction procedures, accepting, building, and care of grounds.

AED 708—Administration of School Personnel. Four hours.

A course stressing the administrative relationships involved in developing satisfactory personnel policies, techniques, and regulations dealing with the pupil, the staff, and the public. The general principles of personnel management as it affects the pupil and staff, instructional and noninstructional, will be covered.

AED 710—School Law. Four hours.

Legal aspects of such factors as school income, injury to pupils, keeping the school census, enforcing attendance, teaching certain subjects, and related matter.

AED 790—Administrative Workshop I, II, III, IV, and V. One and one-half hours per week. (Course may be repeated, with only nine hours counting toward a degree.)

AED 794—Field Problems in Administration I, II, and III. One hour each.

Prerequisite: Consent of the Chairman of Department of Educational Administration. A course dealing with a specific problem in school administration. An on-the-job training program with work being done under supervision of the staff of the Department of Educational Administration.

AED 796—Problems in Education Seminar. Two hours.

The seminar is planned to assist doctoral students to become familiar with current problems and issues in education.

AED 798—Doctoral Thesis.

AUDIO-VISUAL EDUCATION

S. L. Knight, Director

Audio-Visual Education Laboratory
Audio-Visual Center

Recognizing a need for audio-visual services in the state, Mississippi Southern College has established an Audio-Visual Center on the campus. Activities of the center include a film service for Mississippi schools, a program for the use of audio-visual materials in college classes, and courses in audio-visual education taught both on and off the campus.

The center is prepared to assist local schools in setting up a program for the use of audio-visual materials, and to assist through in-service and pre-service training, in the interpretation of the values derived from the use of audio-visual instructional aids in education.

The film collection of the Audio-Visual Center comprises over 1400 reels on educational subjects. The collection includes college-owned films and films deposited by members of the South Mississippi Educational Film Association. Through a cooperative agreement member schools buy a specified number of films which may be used each week from the total collection of the film library. Thus an educational film service is provided for the schools of Mississippi at a fractional part of rental charges customary with commercial film libraries. This cooperative film service has been in operation for a period of thirteen years with a success which predicts a permanently functioning organization.

Any school interested in membership in the South Mississippi Educational Film Association should write to the Director, Audio-Visual Center, Mississippi Southern College, for information.

The audio-visual courses are designed primarily for teachers and administrators with emphasis upon the use of sound and visual classroom teaching aids. Much attention is given to the sources, selection, and use of audio-visual materials, and their adequacy and effectiveness are considered from a study of functions, organization, and administration of the program.

The film library, one of forty-nine in the United States with over 1000 primary instructional films, is an important part of the audio-visual courses providing many stimulating opportunities for students enrolled in audio-visual education.

AUDIO-VISUAL EDUCATION COURSES

AVE 416 or G416—**Audio-Visual Education.** Four hours. (116 or 416)

A general course for teachers with emphasis upon sound and visual classroom teaching aids. Careful attention given to the sources, selection, preparation, and uses of audio-visual materials.

AVE 517—**Organization and Administration of an Audio-Visual Program.** Four hours.

A study of functions, organization, and administration of the audio-visual program, with emphasis on staff and housing requirements and determining materials and equipment needs. Practical problems of developing the program and appraising its adequacy and effectiveness.

AVE 519—**Utilization, Selection and Preparation of Audio-Visual Materials.** Four hours.

General principles, problems, and practices involved in selecting and utilizing and preparation of audio-visual materials for instructional purposes. Emphasis on the advantages, limitations, and practical uses of each major type of material.

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

John M. Frazier, Chairman

This department is organized to offer instruction to elementary teachers, secondary teachers, home demonstration agents, architects, recreation directors, conservationists, and others who are interested in the arts and sciences related to the improvement of our natural resources. The courses are designed to give basic principles, practical and useful knowledge and understanding of the various areas considered.

Courses especially for elementary teachers include Conservation 432, Science for Elementary Teachers, and Conservation 447, Nature Study and Elementary Science. Supplementary courses that will enrich their background for teaching include Conservation 285, General Forestry, Conservation 348, Ornithology, Conservation 477, Conservation Problems, and Conservation 478, Resource Use Education.

Majors in secondary education who plan to teach general science and biology will find helpful supplementary material in conservation courses numbers 285, 447, 448, and 449.

Students who expect to enter the field of conservation as foresters, game managers, and related work with wildlife, should select all courses in conservation except those planned especially for elementary teachers, and even nature study should prove beneficial.

CONSERVATION COURSES

Con. 285—**General Forestry.** Four hours. (85)

Lectures and field work covering the fundamentals. Activities at discretion of the teacher. Five hours per week. A survey of the major phases of forestry, with special emphasis on farm forest development, protection, and use.

Con. 323—**Landscape Gardening.** Four hours. (123)

Lectures, laboratory, and field work as required by instructor. A course planned to develop appreciation for and understanding of the use of plants in beautifying home and public grounds. Emphasis on soils, culture, propagation, and use of native and exotic plants.

Con. 348—**Ornithology.** Four hours. (148)

Two theory periods and two double periods in the field or laboratory per

week. An introduction to the study of birds, including taxonomy, physiology, ecology, and natural history, habitat, range, food supply, and means of protection.

Con. 349—**Game Management.** Four hours. (149)

Lectures and field work six hours per week. An introductory study of game animals in relation to taxonomy, physiology, habitat, food supply, cover, range, and other pertinent aspects.

Con. 432—**Science for Elementary Teachers.** Four hours. (132)

Six hours lecture, audio-visual, and laboratory work per week.

A professional course in basic principles of science needed by elementary teachers, and the problems of science education.

Con. 447—**Nature Study and Elementary Science.** Four hours. (147)

Six hours of lecture and field work per week. This course considers the whole environment of the child and his observing and interpreting it. General directions for studying and methods of using materials are presented.

Con. 477—**Conservation Problems.** Four hours. (177)

Offered on demand by conference and report method. A course designed for teachers, conservationists, and others who have specific problems relating to natural resources such as soil, water, forests, agriculture, mineral, physical and industrial, their use, and the teaching thereof.

Con. 478—**Resource Use Education.** Four hours. (178)

A course designed to give teachers and conservationists an understanding of the ways and means of using natural resources more effectively to meet our needs.

DEPARTMENT OF ELEMENTARY SCHOOL EDUCATION

Leo R. Miller, Chairman

Black, Dent, Easterling, Eure, Knight, Lucas, Staiger, Wall

The courses described in this department are concerned principally with the background and preparation of those students intending to teach in the elementary and junior high schools. The prospective teacher of elementary schools will major in this field and earn a minor in a related academic field.

Requirements for Major

A student majoring in elementary education will complete the requirements for the B. S. Professional Degree, the requirements for which will include the core curriculum, the major, a minor, and a number of elective courses. The minor and the electives should be chosen carefully according to the student's plans for the future and in consultation with his adviser.

A. Curriculum—College Core

The student majoring in elementary education must include the core specified for the Bachelor of Science Professional Degree as outlined on page 54 of this catalogue. He shall also elect Geography 103 or 143, Physical Education 409 will serve as his elective in physical education, and Conservation 447 will count as four hours of his required physical science.

The student majoring in elementary education must complete 96 quarter hours in courses at the senior college level and 68 quarter hours in courses numbered above 300. A student is advised that twelve (12) quarter hours are the maximum accepted in correspondence.

B. Curriculum—Professional Requirements

The student working toward the B. S. Professional Degree must include in his program the courses leading toward the Class A teaching certificate.

Those requirements are listed on page 55 of this bulletin. A student earning this degree in elementary education will automatically meet all requirements for the Class A elementary teaching certificate in Mississippi.

C. Curriculum—Departmental Requirements

Psychology 201
Health 179

D. Curriculum—Minor and Electives

In addition to the core requirements, the major requirements, and the departmental requirements, the student must complete requirements for a minor preferably in a related academic field. Courses not used to fulfill these stipulated requirements are free electives and may be taken in any department of the college.

An elementary school education major may minor in practically any department of the college. He must complete 28 hours in the department in which his minor is selected with the exception of the minor in general science for which 36 quarter hours are required. None of these 28 hours has to be in courses above 300. In general, required courses in either the core or the major field will also apply toward the minor requirements. The student will select his minor in consultation with his adviser.

Requirements for a Major in Elementary School Education

Freshman Year

	Hours
English 101, 102, 103	12
History 101, 102	8
Biological Science 101, 102	8
Mathematics 100	4
Physical Education Activity Courses (three quarters)	No Credit
Education 120 (Teacher and Community)	4
Art 107	4
Art 109, or Art 392 (Art for Children—both Art 107 and 4 more hours required	4
Total	44

Sophomore Year

English 201	4
Speech 101 or 301	4
Social Studies: Geography 103, and choice of Government 101, Sociology 103 or Economics 200	8
Psychology 201	4
Education 266 (Modern Elementary School)	4
Music 461 and 462 (Music for Children—Both courses are required)	8
Physical Education Activity Courses (three quarters)	No Credit
Health 179	4
Physical Science (Chemistry, Geology, Physics, Astronomy)	4
Music 465 (Survey of Music Literature), or Art 310 or 320 (History of Art)	4
Total	44

Junior Year

Education 301—Arithmetic for Children	4
Education 305—Teaching of Social Studies	4
Education 307—Teaching Developmental Reading	4
Education 306—The Language Arts	4
Education 416—Audio-Visual Education	4

Education 317—Literature for Children	4
Psychology 316—Human Growth and Development Part I: Child	4
Physical Education 409—Physical Education in the Elementary School	4
Conservation 432—Science for children (or Geography 376)	4
Conservation 447	4
Minor Field Selection and Electives	14
Total	54

Senior Year

Education 343—Methods and Materials in the Elementary School	4
Education 469—Tests and Measurements	4
Education 480-482 or 483-485—Directed Teaching	10
Minor Field Selection and Electives	30
Total	46

ELEMENTARY EDUCATION COURSES

EED 120—The Teacher and the Community. Four hours. (20)

An orientation course designed to introduce the student to different phases of education and psychology, to prepare him for advanced courses, and to help him decide in what field he would like to work.

EED 266—The Modern Elementary School. Four hours. (66)

An introduction to elementary education stressing school organization, curriculum, materials and methods in the elementary school, the daily schedule, school reports, and the personality of the teacher as a factor in success.

EED 301 or G301—Arithmetic in the Elementary School. Four hours. (101 or 401)

A course in the methods of teaching arithmetic in the elementary grades. Special attention is given to developing an understanding of numbers, teaching basic combinations, and the use of arithmetic textbooks and workbooks.

EED 303 or G303—Kindergarten-Primary Education. Four hours. (102 or 402)

A study of the contributions which group living makes to the mental and physical health of young children, with emphasis upon child development research in curricular experiences and records designed to help teacher and parent understand child development.

EED 305 or G305—Social Studies in the Elementary Grades. Four hours. (103 or 403)

Social studies in the broad fields and core curriculum with emphasis on objectives and content. Areas, sequence of units, and the evaluation of social studies units for elementary grades is stressed. Preparation and presentation of a complete social studies unit is required.

EED 306 or G306—Language Arts in the Elementary School. Four hours. (107 and 407)

EED 307 or G307—Teaching Developmental Reading. Four hours.

Effective methods of teaching reading in the classroom.

A course dealing with the development of skills in writing, spelling, listening, speaking, and related fields.

EED 308 or G308—Diagnostic and Remedial Reading. Four hours. (108 or 408)

A course treating diagnosis and remedial teaching of difficulties in reading in the elementary schools with special emphasis on practices suitable for typical classroom situations through demonstration and observation.

EED 317 or G317—Methods and Materials in Children's Literature. Four hours. (117 or 417)

Reading in mythology, legend, history, biography, fiction and poetry. Narrative and dramatic presentation. Comparative editions, graded bibliographies, and standard practice in building collections of books for children.

EED 343 or G343—Methods and Materials in Elementary Education. Four hours. (143 or 443)

An examination of materials and their relatedness to methods. Stresses approved techniques in light of research in these fields: language arts, social studies, number relationships, handwriting, spelling, science, health, and creative experiences.

EED 390 or G390—The Reading Conference I, II, III. One and one-half hours each. (104 or 534)

An intensive program for five days during the summer quarter consisting of lectures, group discussions, and demonstration lessons.

EED 421 or G421—Clinical Procedures in Reading I. Four hours. (110 or 410)

Prerequisite: EED 308.

A specialized course in diagnostic and remedial reading with emphasis upon educational and psychological testing and the analysis of reading difficulties. Provides clinical practice in testing and remedial work.

EED 422 or G422—Clinical Procedures in Reading II. Four hours. (120 or 420)

Prerequisites: EED 308 and 421.

An advanced course in reading clinic procedures. Experience provided in serving as assistant in the reading clinic, administering tests, and testing remedial cases or groups.

EED 480—Student Teaching in Lower Elementary I. Ten hours. (181-182)

Prerequisites: EED 120, 266, 301, 305, 307, and 343, and Psychology 316.

Students arrange for this course with director of student teaching two quarters in advance.

EED 482—Student Teaching in Upper Elementary I. Ten hours. (183-184)

See statement under EED 480.

EED 483—Student Teaching in-service—Lower Elementary I, II. Ten hours. (181-182)

In-service student teachers must have two years teaching experience prior to enrolling for in-service student teaching. See statement under EED 480.

EED 485—Student Teaching in-service—Upper Elementary I, II. Ten hours. (183-184)

See statement under EED 480.

EED 490 or G490—Workshop in Aviation Education. Four hours. (187 or 487)

EED 496—Projects in Elementary Education I, II, III. Four hours each. (144)

Designed for school systems planning local projects of curriculum revision and course of study construction. Available for credit more than once if projects require more than one quarter to complete.

EED 528—Elementary School Curriculum Problems. Four hours.

A course involving analysis of elements of the curriculum. Emphasis is placed upon the implications of social life and the nature of the individual for curriculum development. Evaluates various curriculum procedures in terms of these implications.

EED 529—Reading in Elementary School. Four hours.

The focus of this course will be on the teaching of reading in the language arts. Specific attention will be given to the application of research and theory in classroom practice. A critical analysis of methods and materials will be an important part of the course.

EED 532—**Measuring Results in Elementary Education.** Four hours.

A course designed to equip the teacher for effective selection and construction of tests for measuring specific achievement of teaching objectives and for statistical interpretation of data. Stresses use of teacher-made tests.

EED 536—**Practicum in Reading.** Four hours.

A laboratory course consisting of analysis of extreme reading disabilities, case typing, and recommended remedial procedures. Experience in techniques, procedures, and the preparation of case reports.

EED 576—**Pre-School Education.** Four hours.

A study emphasizing problems connected with the development of the whole child. Case studies analyzed, materials and equipment for work and play investigated. Activities planned to develop readiness for school.

FOUNDATIONS

The Department of Foundations lists those courses which cut across all areas of professional education and are taken by students in education regardless of what their major area may be.

FED 128—**Foundations in Education.** Four hours. (128)

The background, bases, underlying principles, purposes, organization, and trends in education in the United States.

Juniors and seniors preparing for secondary school teaching may take this course in lieu of Education 20.

FED 469 or G469—**Tests and Measurements.** Four hours. (169 or 469)

Consideration of good evaluative practices in elementary and high schools, the preparation and use of informal objectives and essay-type tests, a study of typical standard tests, and an introduction to elementary statistical procedures.

FED 501—**Research: Its Introduction and Methodology.** Four hours. (501)

Methods of scientific inquiry, selection of a research topic, and functional statistics.

FED 504—**Foundations in American Education.** Four hours.

A survey of the philosophies, psychologies, and history of American education intended to give the student a fundamental understanding of more specialized courses in these fields. Required of all graduate students.

FED 507—**Basic Course in Curriculum Development.** Four hours.

A fundamental course in curriculum and teaching concerned with principles, problems, and issues of curriculum development, the nature and scope of educational experience and opportunities essential to a well-developed curriculum program.

FED 611—**Advanced Curriculum Theory.** Four hours.

FED 716—**History of Public Education in the United States.** Four hours.

A survey of the development of elementary and secondary education in the United States with emphasis on the nineteenth and twentieth centuries.

FED 718—**Comparative Philosophies of Education.** Four hours.

A study of issues in educational philosophy, and criticism and evaluation of the major works of contemporary educational philosophers.

FED 578—**Art in Child Development.** Four hours.

Examination of research wherein graphic discourse is the method of data collection. Study of art as it is related to concept development, spatial relationships, emotional, social, and intellectual development.

EED 592—**Special Problems I, II, III.** One hour each. (535 a, b, c)

A problem study to be approved by the appropriate department head, to develop knowledge and facility in a field of interest for the student which requires preparation of a scholarly paper under the supervision of a graduate professor.

EED 596—**Research in Reading I, II, III.** Four hours each. (530 a, b, c)

An advanced course for students interested in individual and group research in methods, materials, and procedures of instruction in reading.

DEPARTMENT OF GUIDANCE

Herman Boroughs, Chairman
Weatherford

The Guidance Department offers separate curricula to prepare candidates in three areas of personnel and guidance work. Those areas are: (1) public school counselors, (2) college and junior college counselors, personnel workers and specialists, and (3) counselors, personnel workers and specialists in community agencies. See the Graduate School Bulletin for the course patterns of each curriculum mentioned, (Note: The courses in Guidance SED 336; GED 506; 522; 571; 581; 582; 589; 593, I, II, III; 596 I, II, III are offered to meet Mississippi State Department of Education requirements for certification as a school counselor.)

GUIDANCE COURSES

GED 336—**Principles of Guidance.** Four hours. (136)

See course description under "Secondary Education."

GED 506—**Fundamentals of Guidance.** Four hours.

A survey of vocational and educational guidances services. Designed to give teachers, administrators and beginning counselors a fundamental understanding of the role of guidance in school programs.

GED 522—**Organization and Administration of Pupil Guidance.** Two hours.

Prerequisite: GED 506.

The course stresses administrative relationships in instituting and maintaining a program of guidance services, with a study of principles and techniques for formulation and evaluation of a complete guidance program.

GED 571—**Occupational Information Services in Guidance.** Two hours.

Prerequisite: GED 506.

A survey of practices in guidance programs which give teachers, administrators, and counselors knowledges and skills in setting up and maintaining an occupational information file and in making the materials available to students.

GED 581—**Methods and Techniques of Counseling.** Four hours. (590)

Prerequisite: GED 506.

A course designed to acquaint the guidance worker with the basic fundamentals of counseling and interviewing the individual. Attention is given to both old and new methods and techniques used in counseling.

GED 582—**Use and Interpretation of Tests in Guidance.** Four hours. (592)

Prerequisite: GED 506.

A course designed to provide the counselor with means of securing, recording, and using data concerning individuals and groups. Emphasis is given to practical experience in using tests, inventories and other devices for measurement.

GED 584—**Group Guidance.** Two hours.

A consideration of values of group activities, methods and techniques in furnishing guidance services to individuals within groups. Attention is given to democratic leadership methods.

GED 585—**Counseling College Students.** Four hours.

For advanced students planning to become college personnel workers, teachers, or administrators. Covers interviewing personnel records, tests and case histories.

GED 586—**Seminar in Student Personnel Problems.** Four hours.

Discussion of the problems of student deans, resident hall directors, counselors and religious directors. Special attention is given to the orientation of new students, dormitories, organizations, and other phases of student personnel programs.

GED 587—**Analysis of the Individual.** Four hours. (593)

Prerequisite: GED 506.

A study of methods and techniques used by teachers and guidance workers in helping individuals evaluate themselves, with consideration of collecting, assembling and using information. Emphasis is on subjective techniques.

GED 592—**Special Problems I, II, III.** One hour each. (535)

A problem study to be approved by departmental chairman to develop knowledge and facility in a field of interest of the student. Preparation of a scholarly paper is required.

GED 593—**Supervised Practice Counseling I, II, III.** Two hours each. (591)

Prerequisite: GED 581 or GED 585 and consent of instructor.

Assignment of hours and responsibilities arranged with each student. A supervised practicum in counseling giving the advanced student an opportunity for needed experience.

GED 594—**Guidance Research Seminar.** Four hours.

An advanced course for students interested in individual and group research methods, materials, and procedures in the various guidance service areas.

GED 596—**Field Work in Guidance I, II, III,** Two hours each.

Registration only by permission of instructor.

Assignment of hours and responsibilities will be arranged with each student.

A course designed to give guidance students the opportunity to obtain experience in agencies that provide guidance.

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, AND RECREATION

J. Lloyd Milam, Chairman

Instructor: Barham, Brown, Grantham, Hooker, Jellinek, Johnson, Lewis, Milam, Shivers, Switzer, Townley, Warren, Yarrow, King, Smith.

Varsity Coaching: Green, Lambright, Lewis, Lucky, Taylor, Vann, Van Hook, Pratt.

Specialists in Therapy: William A. Dodson, M.D., Carl R. Fridlund, L. B. Lamb, M.D., John M. Leonard, and Robert A. Parrish.

Staff of the Department of Health, Physical Education, and Recreation.

The health, physical education and recreation program is operated for the following purposes: (1) to promote the health and fitness of college students; (2) to build a basis in scientific information for good health attitudes and habits; (3) to train in habits of exercises; (4) to offer opportunity for recreation; (5) to prepare teachers, coaches, health educators, supervisors, administrators, recreation directors, and other specialists in the fields of school and community health, physical education, and recreation.

Physical education activity courses are required of all students during the freshman and sophomore years. Those students showing proficiency may choose activities during the sophomore year. Varsity players may receive credit for activity courses during the regular season.

Following the medical examination, students are interviewed in order to guide them into appropriate remedial procedures.

Men are required to have suitable uniforms consisting of "T" shirts, shorts, and soft-soled shoes. Freshman women must wear all-white gym suits. Modern dance students will wear leotards and sandals. Freshmen need bathing suits in September.

Curriculum Leading to Bachelor of Science Degree Recommended for Health, Physical Education, and Recreation Majors

			Hours
A.	Curriculum—College Core		56
B.	Curriculum—Professional Requirements		
	Education 120, 313, 469; Elective (2)	24	
	Psychology 319, 332	8	
	Education 451P	4	36
C.	Department Requirements (Health and Physical Education Men and Women)		
	Physical Education 379, 403, 409, 410, 401, 411, 412	18	
	Health 452, 494, 485, Biology 229, 228	12	
	Health 182, Biology 103, 401	4	
	Recreation 440	4	54
Additional Requirements for Men:			
Physical Education 405, 406, 322, elect 4 hours from 373, 374, 375, 376		10	10
Additional Requirements for Women:			
Health 433, Physical Education 314, 408, and 400		12	12
(See adviser for achievement requirements)			
(Therapy majors see adviser for additional requirements)			
Electives			24
			192

RECOMMENDED INSTRUCTOR'S CERTIFICATE FOR ALL HEALTH, PHYSICAL EDUCATION, AND RECREATION MAJORS

(1) Driver Education Instructor's Certificate issued by the State Department of Education and the American Automobile Association.
Health 433, 435, 443, 337 (to be taken last)

(2) Swimming and Water Safety Instructor's Certificate issued by the American Red Cross.
Physical Education 363, 403, 404, 411.

(3) First Aid Instructor's Certificate issued by the American Red Cross.
Health 433, 443.

		Hours
C.	Departmental Requirements—(Recreation)	
	Recreation 433, 440, 448, 469, and 481	16
	Physical Education 403 or 410	2
	Electives from at least 4 of the following areas:*	
	Physical Education 409 and Physical Education 410	8
	Guided electives from at least 4 of the following areas:*	
	(1) Sports and games: individual and group (physical education)	

(2) Dance: folk, square, modern, and social (physical education)

(3) Arts and crafts: drawing, design, painting, clay modeling, ceramics (fine arts)

(4) Industrial arts: woodworking, metalcraft, and shop work (industrial arts)

(5) Music: appreciation methods, fundamentals, and applied music (fine arts)

(6) Dramatics: acting, production, and directing (speech arts)

(7) Nature study: insect and plant life, gardening, animal and bird lore, study of fish, minerals, etc. (Division of Biological Science, Physical Science, and Industrial Arts)

(8) Administrative skills: budgeting, personnel and plant management, and salesmanship (Division of Commerce, Education, and Psychology)
*Certain courses in other related areas such as audio-visual education, forensics, home economics, journalism, photography, safety and health, and sociology may be offered as partial fulfillment of major requirements 24 50

D. Electives to bring total number of hours to a minimum of 192 hours.

Curriculum Leading to Bachelor of Science Degree in Corrective Therapy Leading to a Professional Degree in Health and Physical Education

Freshman	Hours
Biology 101—Major Principles of Biology	4
English 101—Composition	4
Mathematics 100—Basic Algebra	4
History 101—Ancient History to 1648A.D.	4
Physical Education 11—Physical Activity for Men	0
	16
Biology 102—Survey of Animal Kingdom	4
English 102—Composition continued	4
History 102—World History Since 1648	4
Speech 101—Oral Communication	4
Physical Education 12—Physical Activity for Men	0
	16
English 103—Composition continued	4
Health 179—Personal Health	4
Education 120—Orientation Course	4
Physical Science	4
Physical Education 103—Physical Activity for Men	0
	16

Sophomore	
Physical Science	4
English 201—Introduction to Literature	4
Government 101—American Government	4

Psychology 201—General Psychology	4
Physical Activity	0
	16
English 202—Introduction to Literature continued	4
Health 496—Marriage and the Family	4
Physical Education 379——Introduction to Hth., P.E., and Recreation	4
Biology 229—Human Physiology	4
Physical Education	0
	16
Education 313—Teaching in High School	4
Psychology 319—Educational Psychology	4
Recreation 440—Leadership	4
Physical Education 409—Methods of Teaching Physical Education	4
Physical Education	0
	16

Junior

Physical Education 322—Care of Athletic Injuries	2
Health 455—Methods in Health	4
Physical Education 451—High School Physical Education Program	4
Education 469—Tests and Measurements	4
Psychology 332—Human Growth and Development	4
	18
Physical Education 412—Organization and Administration of High School Health, Physical Education and Recreation	4
Biology 228—Anatomy for Nursing Students	4
Physical Education 405—Coaching the Minor Sports	2
Health 433—First Aid	2
Elective	4
Physical Education—Activity Course	2
	18
Health 182—Kinesiology	4
Physical Education 406—Coaching in Minor Sports	2
Physical Education 403—Life Saving and Water Safety	2
Elective	3
Art or Music	4
	15

Senior

Professional Requirement—481P—Gulf Coast	10
Professional Requirement—Clinic Experience—Gulf Coast	26
	36

Minor: Secondary Education
Suggested Additional Minor: Biology

Note:

Total Hours in Entire Program	192
Total Hours in Major Field	50
Total Hours in Minor Field	28
Total Hours in Courses Numbered 100 or Above	76
Total Hours in a 4 year College	192
	175

Special Areas of Concentration in Health, Physical Education and Recreation

1. High school teachers of health and physical education (men and women).
2. High school teachers of health and physical education (coaches).
3. Health educators.

It is recommended that those desiring a concentration in this area select Biology 101, 102, 103, and 339; Chemistry 121 and 122; Physics 101 and 102; Mathematics 102 or 103; and Health 127, 425, 431, and 483. Adjustments may be made in the professional requirements.

4. Sanitarians.

It is recommended that those desiring concentration in this area select Chemistry 121, 122, and 123; Industrial Arts 121 and 122; Biology 339 and 370; and Health 431.

5. Recreational leaders.

HEALTH

HTH127—Community Health. Four hours. (27)

Community control of environmental health hazards, community control of disease; health agencies.

HTH179—Personal Health. Four hours. (79)

The human body and its functioning as related to problems of health and disease.

HTH323—Elementary Course in Nutrition. Two hours. (123)

Same as Home Economics 323.

HTH337—Driver Education. Four hours. (137)

Driver education provides an opportunity for public school teachers to be certified covering such items as program of instruction, use of training cars, delegation of authority, legal responsibilities, and qualifications of teachers.

HTH425 or G425—Problems of Child Health. Four hours. (125 or 425)

Prerequisites: Health 179 and junior standing.

Child safety, nutrition, diseases of children, mental health of children, growth.

HTH431 or G431—Sanitation. Four hours. (131 or 431)

Problems of sanitation in the home and school, in food, producing and handling, water supply, waste and excreta disposal. Based on an understanding of general biology.

HTH433 or G433—First Aid. Two hours. (133 or 433)

Standard first aid as approved by the American Red Cross. Emphasis on preparing students in the knowledge and skills needed in preventing accidents as well as rendering first aid to the sick and injured.

HTH435 or G435—Safety Education. Two hours. (135 or 435)

A study of the general program of safety education in public schools, with special reference to the selection and organization of materials, including the methods and techniques of instruction: visual aids, safety projects, special programs, and the utilization of agencies outside the school.

HTH443 or G443—Advanced and Instructor First Aid. Two hours. (143 or 443)

Prerequisite: Health 433.

An advanced study certifying personnel to conduct first aid courses in schools and community.

HTH452 or G452—Physiology of Exercise. Four hours. (152 or 452)

A study of the physiological changes which occur in the body during muscular activity. Based on a general understanding of the human body.

HTH454 or G454—**Health Education in Elementary Schools.** Four hours. (154 or 454)

Methods and materials for the elementary teacher, with special emphasis on instruction and on coordination of school and community health programs.

HTH455 or G455—**Health Education in Secondary Schools.** Four hours. (155 or 455)

Primarily for students majoring or minoring in health and physical education. Materials and techniques for high school teachers of health; conducting the school health program at the secondary level.

HTH470 or G470—**Anatomy and Applied Physiology.** Four hours. (170 or 470)

A study of the human skeleton, with emphasis on the joints, points of muscular attachments, and basic principles involved in physiology of exercise.

HTH482 or G482—**Kinesiology.** Four hours. (182 or 482)

Analysis of movement based on a knowledge of anatomy and physiology as applied to the function of muscles in body mechanics.

HTH483 or G483—**School Health.** Four hours. (192 or 492)

Organization and operation of the school health program, with emphasis on policies, procedures, problems, cooperating agencies, and field work.

HTH484 or G484—**Evaluation in Health and Physical Education.** Four hours. (194 or 494)

Open to qualified seniors and graduates.

Tests in health, fitness, strength, skills, and abilities. Administration and interpretation.

HTH485 or G485—**Marriage and Family Life.** Four hours. (196 or 496)

Physical, emotional, and medical basis and preparation for successful courtship, marriage, and parenthood.

HTH542—**Problems of Curriculum in Health and Physical Education.** Four hours.

Fundamental principles and bases of curriculum construction, analysis of activities for teaching purposes and program planning.

HTH544—**Foundations and Trends in Health and Physical Education.** Four hours.

Scientific bases, history, principles, curricula, and professional preparation.

HTH546—**Advanced School Hygiene.** Four hours.

Health service, plant and equipment, meeting community needs, utilizing community resources, health instruction.

HTH592—**Problems of Administration in Health and Physical Education.** Four hours. (540)

Selection and care of equipment; school and community organization, facilities, budget, finance, and educational publicity.

HTH594—**Seminar in Health and Physical Education.** Two hours. (548)

Discovery and recognition of problems, evaluation of problems and procedures, types and techniques and research.

HTH596—**Reading Research I, II, III.** Four hours.

PHYSICAL EDUCATION

Six quarters of physical education courses are required of all students. All students should have 101, 102, 103, or 104, 105, and 106 courses in freshman year. Three additional hours may be secured by electing any of the activity courses numbered 100 or above. One should have a minimum of one course each in aquatics, rhythm, and individual or dual sports.

PE11—**Freshman Men Physical Education.** (1m)

PE12—**Freshman Men Physical Education.** (2m)

PE13—**Freshman Men Physical Education.** (3m)

PE21—**Freshman Women Physical Education.** (1w)

PE22—**Freshman Women Physical Education.** (2w)

PE23—**Freshman Women Physical Education.** (3w)

PE31, 32, 33, 34, 35, 36—**Individual Physical Activities.**

Courses designed for students unable to take regular activity classes. For students who bring a physician's excuse, who are advanced in age, or others in the restricted group. Instruction on individual basis by regular appointments and not by class periods. (11, 12, 13, 14, 15, 16 m-w)

PE51—**Sophomore Men Physical Education.**

PE52—**Sophomore Men Physical Education.**

PE53—**Sophomore Men Physical Education.**

PE61—**Sophomore Women Physical Education.**

PE62—**Sophomore Women Physical Education.**

PE63—**Sophomore Women Physical Education.**

PE300—**Varsity-Football.** One hour. (102mv)

PE301—**Varsity-Basketball.** One hour. (104mv)

PE302—**Varsity-Baseball.** One hour. (106mv)

PE303—**Varsity-Track and Field.** One hour. (132mv)

PE304—**Varsity-Tennis.** One hour. (176mv)

PE305—**Varsity-Golf.** One hour. (177mv)

PE312—**Softball for Women.** One hour. (101w)

PE313—**Soccer and Speedball for Women.** One hour. (105w)

PE314—**Teaching and Officiating Team Sports for Women.** Four hours. (110w)

Soccer, Speedball, field hockey, basketball, volleyball, softball, organization G.A.A., intramural, tournament; official sports ratings given.

PE315—**Calisthenics and Tumbling for Women.** One hour. (Beginning) (123w-a)

PE316—**Calisthenics and Tumbling for Women.** One hour. (Advanced) (123w-b)

PE317—**Techniques of Teaching Tumbling and Calisthenics.** (Beginning) Two hours. (120m-wa)

PE318—**Techniques of Teaching Tumbling and Calisthenics.** (Intermediate) Two hours. (120m-wb)

PE319—**Techniques of Teaching Tumbling and Calisthenics.** (Advanced) Two hours. (120m-wc)

PE320—**Women's Basketball.** One hour. (104m-w)

Offered winter quarter only.

Open to women desiring to improve their skill and both men and women students desiring to qualify as coaches and officials for women's basketball. National rating examinations given.

PE321—**Volleyball.** One hour. (124m-w)

PE322—**Care of Athletic Injuries.** Two hours. (118m)

The care and prevention of athletic injuries. Taping and wrapping all parts of the body.

PE323—**Beginning Boxing.** One hour. (138m)

PE324—**Advanced Boxing.** One hour. (138m)

PE325—**Organization and Administration of High School Athletics.** Four hours. (160m)

Program theory and practice in program organization of the major and minor sports with emphasis on selection, purchase and care of equipment; travel, scheduling, officials, facilities and business management.

PE326—**Beginning Badminton.** One hour. (108a)

PE327—**Advanced Badminton.** One hour. (108b)

PE328—**Beginning Archery.** One hour. (109)

PE329—**Advanced Archery.** One hour. (109)

PE330—**Beginning Golf.** One hour. (112a)

PE331—**Advanced Golf.** One hour. (112b)

PE338—**Relaxation I, II, III.** One hour. (114a, b, c)

A functional course in relaxation designed to prevent or to remove occupational hazards, such as tensions and fatigue.

PE341—**Folk and Square Dancing.** (Beginning) One hour. (117a)

PE342—**Folk and Square Dancing.** (Advanced) One hour. (117b)

PE349—**Beginning Bowling.** One hour. (119)

PE350—**Advanced Bowling.** One hour. (119)

PE351-352-353-354-355-356—**Modern Dance I, II, III, IV, V VI.** One hour each.

Prerequisite: Permission of Instructor.

PE363—**Beginning Swimming.** One hour. (125a)

PE364—**Advanced Swimming.** One hour. (125b)

PE365—**Beginning Tennis.** One hour. (134a)

PE366—**Advanced Tennis.** One hour. (134b)

PE367—**Beginning Gymnastics.** One hour. (136a)

PE368—**Advanced Gymnastics.** One hour. (136b)

PE369—**Beginning Handball and Squash.** One hour. (139a)

PE370—**Advanced Handball and Squash.** One hour. (139b)

PE371—**Beginning Social Dancing.** One hour. (173a)

PE372—**Advanced Social Dancing.** One hour. (173b)

PE373—**Coaching Football.** Two hours. (100a)

A study of the fundamentals, player selection and training, offensive and defensive formation, and game strategy of football.

PE374—**Coaching Basketball.** Two hours. (100b)

The growth and popularity of basketball, selection, practice and training of players, offensive and defensive strategy.

PE375—**Coaching Baseball.** Two hours. (100c)

A study of the background and development of baseball, coaching of the fundamentals, player selection and placement, and other coaching problems.

PE376—**Coaching Track and Field.** Two hours. (100d)

Development of track as a sport. Selecting of personnel, fundamentals and training techniques for all events.

PE377—**Water Pageantry.** One hour. (107)

PE378—**History of Physical Education.** Two hours. (56)

PE379—**Introduction of Health, Physical Education, and Recreation.** Four hours. (70)

PE380—**Conducting Drill Team.** Two hours. (163)

PE381—**Marksmanship.** One hour. (175)

PE400 or G400—**Techniques of Officiating Individual and Dual Sports.** Four hours. (155w or 455w)

PE401 or G401—**Preventive and Corrective Physical Education.** Four hours. (181m-w or 481m-w)

PE402 or G402—**Techniques of Officiating Sports.** Four hours. (155m or 455m)

PE403 or G403—**Beginning Course in Life Saving and Water Safety.** Two hours. (144a)

Prerequisite: Skill in all strokes.

Senior Life Saving. Water Safety Courses Approved by American Red Cross. Emphasis toward certifying life guards for swimming areas.

PE404 or G404—**Instructor's Course in Life Saving and Water Safety.** Two hours. (144b)

Emphasis on obtaining knowledge and skills beyond the scope of Senior Life Saving and certifying personnel to conduct other water safety courses in schools and community.

PE405, PE406, PE407, or G405, G406, G407—**Coaching the Minor Sports.** (Beginning, Intermediate and Advanced). Two hours each. (195a,b,c or 495a,b,c)

Golf, tennis, badminton, volleyball, archery, handball, swimming, tumbling, and gymnastics. Practical experience in the various phases of the intramural program of the required program of physical education.

PE408 or G408—**Techniques of Teaching Rhythms.** Two hours. (122 or 422)

Prerequisite: Some knowledge of music.

PE409 or G409—**Physical Education in Elementary Schools.** Four hours. (149 or 449)

Materials and methods of teaching physical education in the elementary grades; both theory and practical experience in selecting, organizing, and directing activities for the elementary school.

PE410 or G410—**Physical Education in Secondary Schools.** Four hours. (151 or 451)

Experience in planning activities for the high school and in reviewing of learning the necessary skills and techniques of leadership. Opportunity for study of rhythms, dual sports, tumbling, gymnastics, group games (volleyball, speedball, soccer) and aquatics.

PE411 or G411—**Theory of Teaching Swimming and Diving.** Two hours. (187 or 487).

Prerequisite: Physical Education 348 or equivalent.

PE412 or G412—**Organization and Administration of Health and Physical Education.** Four hours. (190 or 490)

A course emphasizing the theory and practice in adopting policies and procedures necessary to the development and administration of a sound program in small, medium and large high schools.

592A—**Special problems.** One hour.

RECREATION

REC433 or G433—**Camp Counseling and Administration of Camping.** Two hours.

REC133 or 433.

A course dealing with the development of skills in the technique of camp leadership and administration.

REC440 or G440—**Recreational Leadership Theory.** Four hours. Recreation 140 or 440.

A course offering opportunity to develop individual personality and competency in leading recreational activities.

REC448 or G448—**Recreational Music.** Two hours. (148 or 448)

A course approaching music in relation to recreational possibilities; developing group singing, novelties, concerts, and home-made instruments.

REC469 or G469—**Recreational Skills.** Four hours. (169 or 469)

A course adapting different craft media to use in recreation programs, including making of game equipment, dramatic properties, hobbies, decorations, and other related craft.

REC481 or G481—**Introduction to Administration of Recreational Service.** Four hours. (191 or 491)

A study of official, voluntary, and private organizations for recreation, with special consideration of legal aspects, personnel, facilities, finance program, and public relations.

REC551—**Gerontology and Recreational Service.** Four hours. (551)

This is a professional course at the graduate level. The course will deal with the study of the aging process and recreational service as a technique which may enable the individual to achieve recognition and status within his own community. The emphasis will be upon the factors that promote intellectual, emotional, spiritual and social maturity.

REC552—**Foundations, Trends, and Philosophies of Recreation.** Four hours. (552)

This course deals with the establishment of a discipline for the field of recreational service. Course content is concerned with concepts that are traceable to early Greek philosophy, Renaissance explorations, enlightment humanism, and contemporary philosophies of the American Culture. The course presents a conceptualization of recreation, its foundations, philosophies, trends, and place in the American Culture.

REC553—**Administration and Supervision in Recreational Service.** Four hours.

The content of this course consists of that subject which represents the collected knowledge concerning the field of public administration, its principles, techniques, and practices, particularly as it pertains to recreational agencies which provide unique services to the public at large; and more generally to the supervisory process and administrative leadership in recreational agencies.

REC554—**Evaluation and Appraisal of Recreational Service.** Four hours. (554)

This course will contain such vital procedures as: the quantitative and qualitative gathering of information about the recreational program; the creation of standards and the most effective means of comparison with known standards in the recreational process; the use of research techniques to discover the needs of people, to appraise existing facilities, to gauge public sentiment regarding program, to discern department development.

REC555—**Outdoor Education and Camping.** Four hours. (555)

This course contains phases of outdoor education concerning conscious recognition and identification of natural phenomena which includes: (1) an introduction to the elements and philosophy of outdoor education as it is related to recreation; (2) the integration of the arts and sciences in outdoor education; (3) fundamentals of outdoor living or camping; and (4) methods of programming in an outdoor setting.

REC592—**Problems in Recreation.** Four hours. (545)

Special attention to problems in recreation, including small town recreation, the school and recreation, coordinating community recreation services, field trips, public relations, program planning for given situations, and survey for recreational needs.

REC598—**Thesis.** Six hours. (514b)

CORRECTIVE THERAPY

Mississippi Southern College's corrective therapy curriculum is a coordinated plan wherein students obtain their course credits at this institution in preparation for a nine months internship at the Veterans Administration Center in Biloxi and Gulfport, Mississippi, in their areas of specialization. During the period of internship, therapy trainees are under the direct supervision of the physicians and the

hospital personnel concerned with their training. Housing and subsistence may be provided for such trainees while serving their internship. It is desirable that students entering this program contact their adviser as soon as possible.

THY301—**Research.** One hour.

Research in the areas of Physical Medicine and rehabilitation and its application in the field of Therapy.

THY421—**Clinical Experience.** Five hours.

Lectures and supervised internship in various theories and their application.

THY431, 432, 433—**Theory of Rehabilitation.** Four hours each.

Lectures and research in various theories and their application in the field of rehabilitation with directed clinical work and their use and application.

THY441, 442, 443—**Psychology of Rehabilitation.** Four hours each.

The approach to rehabilitation as it involves the whole individual both in its mental and physical phases of readjustment.

THY453—**Supervision of Therapy and Its Applications.** Twelve hours.

(Ten hours of this may be Education 185-186)

DEPARTMENT OF INDUSTRIAL ARTS

Zed H. Burns, Chairman

Burns, Crowder, Thomas

The Department of Industrial Arts offers a choice of four undergraduate curricula, each of which leads to the Bachelor of Science degree. These curricula are: (1) The industrial arts teaching major, (2) The architectural drafting major, (3) the nonteaching industrial arts major, (4) The manual arts therapy major. For work in the graduate field see also the Graduate School Catalogue.

Students who plan to teach industrial arts must take 45 or more quarter hours of work in this field and must have a minimum of work as follows:

General Shop—4 hours
Metal Work—8 hours
Woodwork—8 hours
Drawing—8 hours
Elective—17 hours

Those individuals who are interested in securing technical training may major in industrial arts by taking 36 quarter hours of work in this field. Where this non-professional major is selected, the student is encouraged to minor in some allied technical field such as mathematics, physics, chemistry or management. Twenty-eight quarter hours are required for a minor in industrial arts.

The Department of Industrial Arts offers a special four-year curriculum for those interested in becoming architectural draftsmen.

CURRICULUM RECOMMENDED FOR INDUSTRIAL ARTS TEACHING MAJOR

Freshman Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
English 101	4	English 102	4	English 103	4
History 101	4	History 102	4	Speech 101	4
Health 179	4	Math. 100, or 101	4	Soc. Sci. Elective	4
I.A. 131	4	Art, or Music	4	I.A. 121	2
P.E. Activity	No Credit	P.E. Activity	(No Credit)	P.E. Activity	(No Credit)
or ROTC	2	or ROTC	2	or ROTC	2
	18		18		16

Sophomore Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
English 201	4	Biology 102	4	Psychology 201	4
Biology 101	4	I.A. 321; or 350	4	Physical Science	4
Soc. Sci. Elective	4	I.A. 136	4	I.A. 331	4
I.A. 122	2	Elective	4	Elective	4
Elective	2	P.E. Activity (No Credit)		P.E. Activity (No Credit)	
P.E. Activity (No Credit)		or ROTC	2	or ROTC	2
or ROTC	2		18		18
	18				

Junior Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
Ed. Psych. 319	4	Ed. Psych. 332	4	Sec. Educ. 313	4
Educ. 128	4	I.A. 340	4	I.A. 342	4
I.A. 314	4	I.A. 315	2	I.A. 301	4
Physical Sc.	4	Sec. Educ. 462, or 464	2	Elective	6
	16	Elective	5		18
			17		

Senior Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
I.A. 400	4	I.A. 409	4	Sec. Educ. 481G	10
Elective	14	Elective	14	Sec. Educ. 451G	4
	18		18		14

CURRICULUM RECOMMENDED FOR ARCHITECTURAL DRAFTING MAJOR

Freshman Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
English 101	4	English 102	4	English 103	4
History 101	4	History 102	4	I.A. 121	2
Math. 101	4	Math. 102	4	Math. 103	4
Art 101	4	Art 111	4	Art 112	4
P.E. Activity (No Credit)		P.E. Activity (No Credit)		P.E. Activity (No Credit)	
or ROTC	2	or ROTC	2	or ROTC	2
	18		18		16

Sophomore Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
English 201	4	Elective	4	Economics 200	4
I.A. 122	2	Psych. 201	4	I.A. 350	4
Soc. Studies Elective	4	Art 321	4	Art 341	4
Lab. Science	4	Lab. Science	4	Lab. Science	4
P.E. Activity (No Credit)		P.E. Activity (No Credit)		P.E. Activity (No Credit)	
or ROTC	2	or ROTC	2	or ROTC	2
	16		18		18

Junior Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
Health 179	4	Physics 101	4	Conservation 323	4
Speech 101	4	Psychology 202	4	Mathematics 248	4
I.A. 351	4	I.A. 352	4	I.A. 353	4
Math. 247	2	Hist. 301, or Art 310	4	Hist. 303 or Art 320	4
Elective	4	Elective	2	Elective	2
	18		18		18

Senior Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
I.A. 451	4	I.A. 452	4	I.A. 453	4
I.A. 375	4	I.A. 376	4	I.A. 377	4
Elective	10	Elective	10	Elective	8
	18		18		16

CURRICULUM RECOMMENDED FOR NON TEACHING INDUSTRIAL ARTS MAJOR

Freshman Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
English 101	4	English 102	4	English 103	4
History 101	4	History 102	4	Speech 101	4
Health 179	4	Math.	4	Soc. Sci. Elective	4
I.A. 131	4	I.A. 121	2	I.A. 122	2
P.E. Activity (No Credit) or ROTC	2	Elective	2	Elective	2
		P.E. Activity (No Credit) or ROTC	2	P.E. Activity (No Credit) or ROTC	2
	18		18		18

Sophomore Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
English 201	4	Lab. Science	4	Psychology 201	4
Lab. Science	4	I.A. 350	4	Lab. Science	4
Soc. Sci. Elective	4	Elective	8	I.A. 331	4
I.A. 321	4	P.E. Activity (No Credit) or ROTC	2	Elective	4
P.E. Activity (No Credit) or ROTC	2			P.E. Activity (No Credit) or ROTC	2
	18		18		18

Junior Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
I.A. 342	4	I.A. 340	4	I.A. 314	4
Elective	13	Elective	13	Elective	13
	17		17		17

Senior Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
Elective	17	Elective	17	Elective	17

For those individuals interested in entering the field of manual arts therapy, the following curriculum is provided. The senior year will be taken in cooperation with certain government agencies with the student in residence either at Gulfport or Biloxi, Mississippi.

CURRICULUM RECOMMENDED FOR MANUAL ARTS THERAPY MAJOR

Freshman Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
English 101	4	English 102	4	English 103	4
History 101	4	History 102	4	Speech 101	4
Art 101	4	Art 111	4	Art 112	4
I.A. 131	4	I.A. 121	2	I.A. 122	2
P.E. Activity (No Credit) or ROTC	2	Elective	2	Elective	2
		P.E. Activity (No Credit) or ROTC	2	P.E. Activity (No Credit) or ROTC	2
	18		18		18

Sophomore Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
English 201	4	Elective	4	Psychology 201	4
Health 179	4	Math.	4	Soc. Sci. Elective	4
Biology 101	4	Biology 102	4	Biology 103	4
Soc. Sci. Elective	4	I.A. 350	4	I.A. 314	4
P.E. Activity (No Credit) or ROTC	2	P.E. Activity (No Credit) or ROTC	2	P.E. Activity (No Credit) or ROTC	2
	18		18		18

Junior Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
Human Anatomy 228	4	Physiology 229	4	Guidance 336	4
Psychology 337	4	Psychology 480	4	Psychology 481	4
I.A. 136	4	I.A. 340	4	I.A. 342	4
Elective	2	Elective	6	Elective	4
Art 310	4				
	18		18		16

Senior Year

Fall	Hrs.	Winter	Hrs.	Spring	Hrs.
Clinical Work	12	Clinical Work	12	Clinical Work	12

COURSES OF INSTRUCTION

IA121—**Engineering Drawing I.** Two hours. (27)

Use of drawing instruments, geometric construction. Conventions used in depicting objects for reproduction. Representation in one, two and three dimension. Object drawing. Special practice in lettering. Orthographic projection, dimensioning.

IA122—**Engineering Drawing II.** Two hours. (28)

Prerequisite: Industrial Arts 27.

Multiview projection, sectional views, auxiliary views, revolutions, working drawings, pictorial drawings.

IA131—**Woodwork.** Four hours. (31a,b)

A course designed to develop skill, knowledge and appreciation in the care and use of woodworking tools, materials, processes, and products. Hand and machine tools, tool processes, tool maintenance, wood and lumber, joints, gluing, nails and screws, wood turning, carving, inlaying, and finishing.

IA136—**General Shop.** Four hours. (41a,b)

A general course in accordance with the modern development of industrial arts and crafts.

IA301—**Industrial Arts Electricity.** Four hours. (160)

An introduction to some phases of electricity such as magnetism, bell wiring, bell transformers, repair of electrical appliances, sources of electrical energy, house wiring, and generators and motors.

IA310—**Bookbinding.** Four hours. (110)

A complete course in hand binding. Included are stripping and colating, sewing, backing and gluing, case making, titling, and finishing.

IA314—**Leather Work.** Four hours. (114)

Instruction in tooling, embossing, lacing, and designing selected leather projects.

IA315—**Plastics.** Two hours. (115)

A study of plastics in common use; general operations in design, shaping and finishing selected projects.

IA317—**Photography in Industrial Arts.** Two hours.

Evaluation of photography in the industrial arts curriculum. Camera selection, construction, and techniques, exposure factors, film characteristics and selection, developing, printing, enlarging, copying and other basic darkroom procedures. The making of photographic slides for industrial arts, both black and white, and color.

IA319—**Handicrafts for Elementary Teachers.** Four hours. (154)

A course for teachers for both lower and upper elementary work. Intended as an aid to the teacher in her preparation to guide the children in all free activities. Cardboard and wood construction, weaving, coping saw work, and letter cutting.

IA321—**Engineering Drawing III.** Four hours. (126)

Prerequisite: Industrial Arts 121 and 122.

Use of instruments, engineering lettering, freehand sketches, pictorial drawings, sectional views, and working drawings from written descriptions as well as from actual objects.

IA322—**Engineering Drawing IV.** Four hours. (130)

Prerequisite: Industrial Arts 121, 122, and 321.

Advanced Engineering Drawing.

IA325—**Descriptive Geometry.** Four hours. (135)

Prerequisite: Industrial Arts 121.

A study of the general principles of descriptive geometry and their application to engineering, architecture, and geology.

IA331—**Advanced Woodwork.** Four hours. (63a,b)

Emphasis on the selection of projects to implement the objectives of an industrial arts program. The importance of individual design and use of machines is stressed.

IA340—**Welding.** Four hours. (140)

Theory and practice in oxy-acetylene and arc welding. Construction of appropriate projects is required.

IA341—**Sheet Metal Work.** Two hours. (64)

An introduction to the application of hand and machine processes. Simple pattern drafting. Study of materials. Working cold iron; cutting, forming, seaming, burring, crimping, and fastening, as applied to the making of sheet metal products.

IA342—**Machine Shop.** Four hours. (142)

Introduction to the procedures in grinding; thread cutting; quick change gears; the drill press and its operation; taper turning; cutting tools; grinding machines; and the assembling of machine parts.

IA350—**Architectural Drawing.** Four hours. (127)

A beginning course in architectural drawing. Lettering, details, working drawings, and office practice.

IA351-2-3—**Architectural Design I, II, III.** (170-1-2)

Analysis and solution of simple problems in architectural design. Emphasis on domestic and simple public buildings. Attention to construction and finish details through research, discussion, drawing and models. Three quarters of architectural design. Each quarter four hours credit.

IA375—**Structures I.** Four hours. (137)

Prerequisite: Physics 101 or 201 and Mathematics 103.

An elementary technical study of force systems and their action on rigid bodies at rest. Topics considered are center of gravity, moment of inertia of areas, and friction. For architectural and engineering students.

IA376—**Structures II.** Four hours. (180)

Analysis of fundamental structural principles, application of mathematics of structural theory.

IA377—**Structures III.** Four hours. (181)

Study of statically determined structures including shear and bending moments, torsion, slope and deflection, design of beams, columns, trusses, struts, problems dealing with wood, reinforced concrete, steels, and other materials.

IA400—**School Shop Planning and Equipment Selection.** Four hours. (128)

Lay out of rooms and other building facilities. Purchase and arrangement of equipment. Selection of suitable equipment for special conditions. The cost of equipment, supplies, and maintenance.

IA401—**Shop Care and Management.** Four hours. (129)

A study of machine placement; student movement; arrangement of safety zones; upkeep and repair of tools; tool storage and distribution; storage of materials; assembly areas; and the general appearance of the shop.

IA409—**History and Philosophy of Industrial Arts.** Four hours. (190)

A critical consideration of various points of view; important contributions to general education; philosophy of industrial arts education, and leaders.

IA451-2-3—**Architectural Design IV, V, VI.** Three quarters of Architectural Design. Each quarter four hours credit. (270-1-2)

Prerequisite: Architectural Design I, II, III.

Analysis and solution of architectural problems of greater complexity than the 100 series. Emphasis is on presentation of ideas in design.

IA502—**Foundations and Principles of Industrial Arts.** Four hours. (506)

A basic course on the underlying philosophy and principles of industrial arts education. Objectives and relation to allied fields. Research and individual reports required.

IA503—**Establishing the Industrial Arts Program.** Four hours. (550)

A detailed consideration of the individual school program in industrial arts: its organization, physical and educational requirements, and coordination with other educational requirements. Specific problems studied and reported.

IA504—**Shop and Small Plant Design.** Four hours. (560)

Fundamental problems in design of work space. Working drawings and reports required.

IA530—**Advanced Graphic Science.** Four hours. (570)

A study of the methods and materials used in graphic science, advanced engineering, and architectural drafting. Study of the literature and techniques in this field.

IA580—**Leadership.** Four hours. (580)

Study of the factors effecting leadership in a school or industrial setting; emphasis is placed on status and esteem as factors.

IA592—**Special Problems I, II, III, IV.** One hour per quarter. (535a,b,c,d)

Intensive study of a selected research area or problem in industrial arts.

IA594—**Seminar in Industrial Arts Problems I, II, III.** Two hours per quarter. (594a,b,c). May be taken three quarters.

Survey of field of industrial arts and intensive study of selected problems.

IA598—**Thesis.** Six hours. (514b)

DEPARTMENT OF LIBRARY SCIENCE

Anna M. Roberts, Chairman
Flynt

A student majoring in library science may elect one of several alternative plans. He may work toward either the B.A., the B.S. non-teaching or the B.S. professional degree. The student's choice of program should be determined by his plans for the future and in close conjunction with his adviser.

A. Curriculum—College Core

The student working toward either degree must include the appropriate core curriculum subjects for his degree.

B. Curriculum—Professional Requirements

Psychology 201.

Health 179.

The student working toward the B.S. professional degree must include in his program the courses leading toward the Class A teaching certificate.

C. Curriculum—Departmental Requirements

General Requirements: The student wishing to major in library science should take 42 hours in the Department of Library Science, all of which must be in courses numbered above 300. Required of all majors in addition to library science is Audio-Visual Education 416.

Students may qualify for the Class A Certificate by completing at least

36 quarter hours of library science:

	Qtr. Hrs.
Books and Related Materials for Children and Young People	9
Organization and Administration of Libraries	9
Electives in Library Science	18

No correspondence or extension work is counted toward this credit. For the B.S. professional degree 10 hours of directed teaching will be in school library practice, Education 481R. The B.A. and non-professional B.S. may include L.S. 489 instead. Audio-Visual Education 416 will be counted toward the major in library science, provided it is done in residence.

Students who are planning to study librarianship should consult the chairman of the Department of Library Science for advice regarding their curricula.

Suggested Curriculum for Bachelor of Science Degree with a Major in Library Science
(Professional Teaching Program)

Freshman and Sophomore Years

Courses listed in Basic College Core, Psychology 65, Health 179.

Junior and Senior Years

	Hours
Library Science 301, 302, 303, and 315-316	22
Library Science 322, 427, 428, 462 and 463	20
Elementary Education 120 or FED128, AVE416, PYE469, and SED481R	22
Educational Psychology 319 and 332	8
Fine Arts	4
Electives and minor	21

The Bachelor of Science degree with library science as a major may be had in the non-teaching program and may follow the library science requirements for the B.A. degree.

Suggested Curriculum for Bachelor of Arts Degree with a Major in Library Science

Freshman and Sophomore Years

Courses listed in Basic College Core.

Junior and Senior Years

	Hours
Library Science 301, 302, 303 and 315-316	22
Library Science 322, 427, 428, 462, 463 and 489	25
Audio-Visual Education 416	4
Electives and minor	46

D. Curriculum—Minor and Electives

In addition to the core requirements, the certification requirements and the departmental requirements, the student must also complete the requirements for a minor, preferably in a related field. Courses not used to fulfill any of these requirements are free electives and may be taken in any department of the college.

The student minoring in library science must take 28 hours in the department, all of which must be in courses numbered above 300. Recommended for the minor are 301, 302-303, 315-316, 322, 427 and 462.

COURSES OF INSTRUCTION

LS301—**Book Selection.** Four hours. (101)

A general study of principles of selection and standards for evaluation of books, periodicals and other library materials; book publishers, series and editions; use of standard book selection aids.

LS302—**Books and Related Materials for Children.** Five hours. (102)

A study of library materials and their uses for children of preschool age through the elementary grades; emphasis on the examination of both printed and audio-visual materials.

LS303—**Books and Related Materials for Young People.** Four hours. (103)

A study of the reading needs and interests of adolescents with criteria for selecting books for the school library. Emphasis on a wide study of both books and allied materials.

LS315—**Organization and Administration of School Libraries.** Five hours. (115)

A study of the technical processes involved in organizing a library; circulation, classification and cataloguing; care of collections; maintenance of library materials. library quarters and equipment, finance, the acquisition of books and non-book materials.

LS316—**Organization and Administration of School Libraries.** Four hours. (116)

Continuation of 315. To be taken concurrently with 315.

NOTE: AVE416 may be counted as library science. For description, see Education Department.

LS322—**The Library and The Community.** Four hours. (122)

Relation of the library to other agencies and resources of the community; the provision of library materials for community and school groups; fundamentals of operation for county and regional systems.

LS427—**School Library Reference Materials.** Four hours. (127)

Required for the 28-hour program and above.

The study and evaluation of basic reference materials for school library use.

LS428—**Advanced Reference and Bibliography.** Four hours. (128)

Prerequisite: Library Science 427. Not required on 28-hour program.

A study of the more specialized reference material, including bibliographic and government materials, lectures, and problems.

LS462—**Classification and Cataloguing.** Four hours. (132)

Prerequisites: Library Science 315, 316 and 427.

A study of the fundamental principles and methods of classification and cataloguing suitable for the average school library situation. Dewey Decimal Classification and simplified cataloguing with emphasis on the printed cards and other aids.

LS463—**Classification and Cataloguing.** Four hours. (133)

Prerequisite: Library Science 462.

Expansion of the principles and methods of classification and cataloguing with attention given to more advanced problems.

LS489—**Practice Work.** Five hours. (189)

Culmination course of majors in library science to be taken with B.S. non-teaching degree. Experience in various phases of library work. Approximately 180 hours of laboratory work including a one-day field trip which will involve a small expense.

LS490—**School Library Problems.** One and one-half hours each. (192a)

An intensive course through group study in the analysis of special problems in the library field. Full-time work for five days, offered during the summer

quarter; to be conducted through the cooperative efforts of the Department of Library Science and the State Department of Education. May be taken three times.

DEPARTMENT OF PSYCHOLOGY

Ray S. Musgrave, Chairman

Barker, Day, Frye, Gurman, Rabin, Stritch, Staiger

The Department of Psychology offers a full range of courses in psychology in either of two major sequences. It also functions as a service department in teacher education, offering certain courses required for teacher certification. The department also offers courses for other schools and departments which require or recommend courses in psychology in their respective curricula.

Requirements for Major

A student majoring in psychology may elect one of several alternative plans. He may work toward either the B.S. or the B.A. degree. In each degree program he may follow either the preprofessional major sequence, or he may elect the general major program. The student's choice of program should be determined by his plans for the future.

General Psychology Major-Non-Professional

This major is provided for the student who is interested in psychology and who plans to enter an occupation other than professional psychology. The student who elects this major will not be recommended for professional work in psychology or for graduate professional training. Students aspiring to advanced professional training in psychology should take the preprofessional sequence.

Psychology Major-Preprofessional

This major sequence is planned to provide the student with the background and skills essential for graduate professional training in psychology.

A. Curriculum—College Core

The student working toward either degree must include the appropriate core curriculum requirements for his degree. Core curricula requirements may be found elsewhere in this catalog.

Students should take Biology 101, 102, and 103 to meet core science requirements. They should also elect Sociology 103 as one of the social studies core requirements. Students who contemplate advanced graduate work are reminded that a reading knowledge of two foreign languages is usually required. Study of German or French is recommended as a part of the under-graduate program for preprofessional psychology majors. Bachelor of Arts students will take one of these languages to meet core requirements.

B. Curriculum—Departmental Requirements

1. General and Specific Requirements

The student wishing to major in psychology, regardless of his degree plan, must take 36 hours in the Department of Psychology. Required of all majors are Psychology 201, 202, 450, 466, or 467, and 484.

The student taking the preprofessional psychology major should take, in addition to Psychology 201, 202, 450, 466 or 467, and 484, as indicated above, Psychology 445, 451, 482, and one course from the group 337, 480 or 481.

All psychology majors are required to take one course in philosophy and one advanced course in sociology.

C. Curriculum—Minor and Electives

In addition to the core requirements and the departmental requirements, the student must also complete the requirements for a minor, preferably in a related field. Courses not used to fulfill any of these requirements are free electives and may be taken in any department of the college.

PSYCHOLOGY

PSY201—**General Psychology.** Four hours. (65)

Prerequisite: Sophomore standing.

An introduction to the scientific study of human behavior and experience.

PSY202—**Applied Psychology.** Four hours. (129)

Prerequisite: Psychology 201.

Application of psychological methods and principles to occupational fields other than education, including business and industry, law, medicine, the ministry, and others.

PSY337—**Mental Hygiene.** Four hours. (137)

Prerequisite: Psychology 201.

Characteristics of the wholesome personality and the building of healthy emotional attitudes; promotion of good mental health and prevention of abnormalities. Emphasis is placed on increased personal efficiency.

PSY445-G445—**Social Psychology.** Four hours. (139 or 439)

Prerequisite: Psychology 201.

Psychological factors and influences in group behavior. Study of the individual in group situations, and the influence of the social environment on his behavior and development.

PSY449-G449—**Industrial Psychology.** Four hours. (149 or 449)

Prerequisite: Psychology 201. (Psychology 450 recommended).

Applications of psychological principles and methods to problems of industry, emphasizing employee selection and placement, merit rating, accident reduction, training, and measurement and improvement of employee morale.

PSY450-G450—**Introduction to Statistics for the Behavioral Sciences.** Four hours.

Computation of measures of central tendency, variability, and correlation. Introduction to concepts of sampling techniques (t tests, chi square, and analysis of variance).

PSY451-G451—**Psychological Measurement.** Four hours. (178-478)

Prerequisites: Psychology 201 and 450.

Theory, problems and techniques of psychological measurement. Group tests of ability, aptitude, interests and personality are emphasized.

PSY456-G456—**Individual Psychological Testing: Stanford-Binet.** Four hours. (176-476)

Prerequisites: Good background in psychology and permission of the instructor. Psychology 451 strongly recommended.

Experience under close supervision in the administration, scoring, and interpretation of the Terman-Merrill Revision of the Stanford-Binet test; use of test results in diagnosis of scholastic and personality problems.

PSY457-G457—**Individual Psychological Testing: Wechsler Scales.** Four hours. (177-477)

Prerequisites: Good background in psychology and permission of the instructor. Psychology 451 is strongly recommended.

Experience under close supervision in the administration, scoring, and interpretation of the Wechsler Intelligence Scales, use of test results in diagnosis of scholastic and personality problems.

PSY466-G466—**Experimental Psychology I.** Four hours. (186-486)

Prerequisites: Psychology 201 and 450 and permission of the instructor.

Two hours of lecture and two two-hour laboratory periods.

Introduction to psychological laboratory work. Experiments include study of sensory and perceptual processes, emotion and motivation.

PSY467-G467—**Experimental Psychology II.** Four hours. (187-487)

Prerequisites: Psychology 201 and 450 and permission of the instructor.

Two hours of lecture and two two-hour laboratory periods.

Introduction to psychological experimental techniques. Experiments include study of learning, memory, and thinking.

PSY480-G480—**Psychology of Personality.** Four hours. (180-480)

Prerequisites: Psychology 201 and permission of the instructor.

A study of the factors involved in the development of the mature personality, with an analysis of the structure and dynamics of personality; critical review of methods of personality evaluation.

PSY481-G481—**Abnormal Psychology.** Four hours. (191-491)

Prerequisites: Good background in psychology and permission of the instructor.

Study of the major psychoses, the psychoneuroses, and mental deficiency; field trips and demonstration clinics. Primarily for psychology majors, pre-medical students, and students planning to enter law, social work, teaching, or the ministry.

PSY482-G482—**Physiological Psychology.** Four hours. (190-490)

Prerequisites: Psychology 201.

Relationships between physiological functions, especially those of the nervous system, and psychological functions, including perception, emotion, motivation and learning. Primarily for psychology majors and premedical students.

PSY484-G484—**History and Systems of Psychology.** Four hours. (194-494)

Prerequisite: Permission of the instructor.

Review of the history of psychology, and intensive study of current systems of psychology. Primarily for psychology majors as final senior course.

PSY488-G488—**Experimental Educational Psychology.** Four hours. (188-488)

Prerequisites: Psychology 201 and 319 or 316.

A study of the methods and techniques of experimental study of school problems; experience in setting up and conducting studies.

PSY492—**Special Problems in Psychology.** Two to four hours. (195)

Prerequisites: Twenty-eight hours in psychology and approval of the department chairman.

Intensive study of a specific topic or problem in contemporary psychology. Preparation of a series of formal papers and reports.

PSY501—**Quantitative Methods and Research Design in Psychology.** Four hours.

Problems of research design; utilization of quantitative methods in planning research; collection, analysis, and interpretation of data; and testing of hypotheses.

PSY502—**Advanced Experimental Psychology.** Four hours.

Critical evaluation of and use of a variety of experimental techniques. Each student conducts an original study.

PSY520—**Intelligence: Theories and Development.** Four hours.

Nature of intelligence, and its development; critical evaluation of methods of measurement; relation of intelligence to social efficiency.

PSY521—**Introduction to Projective Techniques.** Four hours.

Introduction to the theory and use of various projective techniques in the study of personality.

PSY522—**Personality.** Four hours.

Consideration of the major theories of personality, and research on the development and measurement of personality.

PSY523—**Personnel and Industrial Psychology.** Four hours.

Intensive study of selected problems in industrial and personnel psychology.

PSY524—**Physiological Psychology.** Four hours.

Study of neurophysiological mechanisms in behavior, and related problems.

PSY531—**Clinical Psychology.** Four hours. (561)

PSY562—**Research Methods: Descriptive Statistical Methods.** Four hours.

A brief review of measures of central tendency and variability with emphasis upon correlation theory, techniques of calculation and application of correlation methods to tests and research data. Introduction to sampling problems, Pearsons Product Moment Method of Correlation, biserial, point biserial correlation, tetrachoric correlation, contigency correlation, partial and multiple correlation.

PSY563—**Research Methods. Significance Tests and Experimental Designs.** Four hours.

A brief review of descriptive statistics and normal curve functions. Study of inference and sampling theory emphasizing parametric and nonparametric tests of significance: critical ratio, t-test, chi square, analysis of variance, problems of experimental design.

PSY587—**Advanced Individual Psychological Testing: Stanford-Binet.** Four hours.

To equip the psychological worker to administer individual intelligence tests, and to interpret and apply the test results for diagnosing difficulties in scholastic and personality adjustment. Thorough analysis and intensive practice in mental testing is afforded. The Terman-Merrill Revision of the Stanford-Binet is employed. Approval of the department head or instructor is required for admission to the course.

PSY588—**Advanced Individual Psychological Testing: Wechsler Scales.** Four hours.

To equip the psychological worker to administer individual intelligence tests, and to interpret and apply the test results for diagnosing difficulties in scholastic and personality adjustment. Thorough analysis and intensive practice in mental testing is afforded. The Wechsler Scales are employed. Approval of the department head or instructor is required for admission to the course.

PSY592—**Special Problems I, II, III.** One to three hours. (535a, b, c)

Intensive study of a selected research area or field of professional psychology.

PSY594—**Seminar in Problems in Contemporary Psychology I, II and III.** Two hours each quarter for three quarters. (504a, b, c)

PSY598—**Thesis.** Six hours. (Credit deferred until thesis completed.)

PSY602—**Experimental Design.** Four hours.

A study of the rationale underlying the selection of appropriate designs for experimental work and the analysis and interpretation of results obtained through the use of such designs.

PSY620—**Philosophy of Science.** Four hours.

A study of scientific methodology, theory construction, and system building in modern psychology.

PSY640—**Comparative Psychology.** Four hours.

An examination of methodology employed in animal research, and results of experimentation in the area of animal behavior.

PSY650—**Emotions.** Four hours.

A critical review of the nature and development of emotion, with emphasis upon current theoretical interpretations.

PSY—660—**Perception.** Four hours.

The development and nature of human perception and its relation to adaptive behavior.

PSY670—**Seminar in Teaching of Psychology.** Two hours.

An analysis of the psycho-educational problems involved in the undergraduate and graduate teaching of psychology.

PSY680—**Practicum in Teaching Psychology.** Four hours.

Supervised teaching of courses in psychology.

PSY690—**Advanced Social Psychology.** Four hours.

A study of theory, research, and practice related to group processes and their interaction with individual behavior.

PSY701—**Factor Analysis.** Four hours.

Methods of multivariate analysis, emphasizing methods of factor analysis and cluster analysis.

PSY710—**Personality Assessment.** Four hours.

Study of theory and practice in the administration of and interpretation of tests used in the assessment of personality.

PSY731—**Clinical Psychology II.** Four hours. (720)

An analysis of the interrelations between behavior disorders and psychodiagnostics with a view to selection of appropriate therapeutic programs.

PSY787—**Advanced Experimental Psychology I, II, III.** Four to twelve hours. (787a, b, c)

For graduate students who wish to conduct research on individual problems not included in graduate theses. Emphasis is placed upon background preparation, design, and analysis of research data. Problems should be of publishable quality.

PSY798—**Dissertation.**

EDUCATIONAL PSYCHOLOGY

EPY316—**Human Growth and Development, Part I: Child.** Four hours. (116)

Prerequisite: Psychology 201.

Study of the child through the elementary school years, emphasizing principles and problems of development. Case studies of individual children.

EPY319—**Educational Psychology.** Four hours. (119)

Prerequisite: Psychology 201.

Application of psychological methods, facts, and principles to education.

EPY332—**Human Growth and Development, Part II: Adolescent.** Four hours. (132)

Prerequisite: Psychology 201.

A course dealing with development of the individual through the adolescent years. Case studies of individual adolescents.

EPY503—**Learning and Motivation I.** Four hours.

Consideration of the basic concepts, problems, and research methodology in the studying of learning and motivation.

EPY510—**Advanced Educational Psychology.** Four hours.

Designed primarily for the graduate student wishing to broaden his knowl-

edge in the field of psychology of learning. Careful study of research and experimentation dealing with individual and group learning.

EPY574—**Advanced Child Psychology.** Four hours.

A course dealing with the mental, motor, social, and emotional development of children of elementary school age. Stresses the application of developmental psychology to education and guidance. Considers child growth as progressive development.

EPY575—**Advanced Adolescent Psychology.** Four hours.

An advanced study of the adolescent and his needs in the home, school, and community. Includes a survey of the research studies and literature on the period of adolescence, and individual and group reports.

EPY580—**Leadership.** Four hours.

EPY603—**Learning and Motivation II.** Four hours. (630)

An intensive study of the role of contemporary theories of learning and motivation in current research.

EPY610—**Group Dynamics.** Four hours.

A study of theory and practice in group development and group dynamics.

DEPARTMENT OF SECONDARY EDUCATION

N. L. Landskov, Chairman
Bigelow, Hagenson

The student who plans to teach on the high school level will follow the pre-professional curriculum which leads to the B.S. professional degree. He will enroll in the School of Education and Psychology, the dean of which will assign him his adviser. His major field of concentration will be in the subject matter area of his choice; his minor those education and psychology courses which lead to certification by state, regional, and national certification agencies. These are listed below.

In addition to the satisfactory completion of course requirements, the student who follows the B.S. professional degree curriculum is required to complete the National Teacher Examination. He is advised to read carefully the requirements for student teaching (SED481 or SED484) and is advised that twelve (12) quarter hours is the maximum accepted in correspondence courses.

B.S. Professional Degree Requirements

		Hours
A.	Core Curriculum	56
B.	A course in Fine Arts	4
C.	Major and Electives (Psy. 65, Health 179)	96
D.	Education—Psychology courses	36
	FED128*	4
	EPY319 and 332	8
	SED313 and 369	8
	Special methods in major field (SED451A-S)	4
	Electives EED120, AVE416, SED462, SED464, SED336	at least 2
	SED481	10
	Total	192

*EED120 may be substituted for FED128.

Secondary Education Courses

SED46—**Improvement of Learning.** No Credit. (146)

SED313—**Principles of Teaching in High School.** Four hours. (113)
Prerequisite: EPY319.

Aims of secondary education, motivation and direction of learning, school organization, including guidance, and an introduction into methodology.

SED334—**Improvement of Study.** Two hours. (134)

Prerequisite: Permission of the instructor.

An analysis of effective study techniques for use by secondary school teachers. Useful for college students who wish to improve their own reading and study habits.

SED336—**Principles of Guidance.** Four hours. (136)

An introductory course dealing with the fundamental philosophy, methods, and organization of guidance services in the public schools.

SED461—**Improvement of Learning.** No Credit. (146)

Small group instruction in developing effective study habits, increasing speed and comprehension in reading, the organization of material, and vocabulary development. Can be taken as a continuation of SED334—Improvement of Study.

SED451A—**Methods in Business Education.** Four hours. (151A)

A study of business education trends and aims, teaching procedures, tests and measurement, special helps, and teaching materials.

SED451B—**Methods in Art.** Four hours. (151B)

Aims, objectives and methods of art education in the elementary and secondary schools.

SED451G—**Methods in Industrial Arts.** Four hours. (151G)

Methods and materials in the teaching of industrial arts.

SED451H—**Methods in English—Secondary.** Four hours. (151H)

Required of English majors who follow the professional teaching program. Should be taken in the third quarter of the junior year or in the summer preceding the senior year. A course in methods of teaching English in the junior and senior high schools.

SED451I—**Methods in Foreign Languages.** Four hours. (151I)

Required of foreign language majors who follow the professional teaching program. A course in methods of teaching French, Spanish, and German in high schools.

SED451J—**Methods in Sciences—Secondary.** Four hours. (151J)

A course intended to give teachers the techniques of handling science classes, including selection, organization, and presentation of subject matter.

SED451K—**Methods in Mathematics—Secondary.** Four hours. (151K)

Should be taken after the student has completed most of his mathematics courses.

A course designed to give the student a knowledge of the foundation on which mathematics is built, the aims and purposes of teaching the subject in high school, curriculum problems, organization and presentation of subject matter, methods of teaching, and methods of testing.

SED451L—**Methods in Social Studies—Secondary.** Four hours. (151L)

Prerequisites: SED313 and EPY319, or consent of instructor.

A study of principal methods of teaching, application of psychological principles to teaching, methods of selecting content, and materials available. The work is adapted to the social studies in the high school.

SED451M—**Methods in Speech.** Four hours. (151M)

Prerequisite: Consent of instructor.

A general orientation to the teaching of speech, followed by individualized unit work in the special fields of speech.

SED451N—**Methods in Speech Correction.** Four hours. (151N)

Prerequisites: Speech Therapy 301, 330, and 401.

A course designed to acquaint the correction major with clinical conditions as found in public schools, including practice with various types of speech cases, and instruction in working with parents, teachers, and the public in solving speech correction problems.

SED451P—**Methods and Principles in Health, Physical Education and Recreation.** Four hours. (151P)

For grades 1 through 12. Primarily for students majoring or minoring in health, physical education and recreation. Materials and techniques of teaching health, physical education and recreation in public schools.

SED462 or G462—**Curriculum of the Secondary School.** Two hours. (162 or 462)

Prerequisite: SED313.

A critical examination of the present day curriculum with emphasis upon the core curriculum.

SED464 or G464—**Student Activities in Secondary Schools.** Two hours. (164 or 464)

Consideration is given to the general nature and organization of the program popularly known as extra-curricular activities. Major emphasis is placed upon the various activities that constitute an activity program in a modern high school.

SED481-A-S—**Student Teaching in High School.** Ten hours. (185-186)

Prerequisites: The completion of 132 hours of college including FED128, PYE319, SED313, SED451, and 24 hours in the student's major field, of which at least eight hours must have been taken in residence in this institution.

A candidate for student teaching must have a "C" average or better in his major field and especially in that branch of his major field in which he is to do his student teaching.

Application for this course is filed with the Director of Student Teaching two quarters in advance of student teaching. The student will be expecteed to spend the entire school day in an off-campus school designated by the Director.

The individual courses in pre-service student teaching are listed below:

SED481A (Business Education)	Ten hours
SED481B (Art)	Ten hours
SED481G (Industrial Arts)	Ten hours
SED481H (English)	Ten hours
SED481I (Foreign Languages)	Ten hours
SED481J (Sciences)	Ten hours
SED481K (Mathematics)	Ten hours
SED481L Social Studios	Ten hours
SED481M (Speech)	Ten hours
SED481N (Speech Correction)	Ten hours
SED481P (Health, Physical Education, Recreation)	Ten hours
SED481R (Library Science)	Ten hours
SED481S (Music Education)	Ten hours

In-Service student teaching is designed for experienced teachers who in effect have proved their ability to plan and to carry out effective classroom procedures on their own initiative. Initial enrollment for this work is limited to the fall quarter, and is open only to teachers who have had two years of teaching experience and who hold a full-time teaching position.

SED484A-S—**Student Teaching In-service—High School I, II.** Ten hours. (185-186)

Prerequisites: Two years of teaching experience, consent of the Director of Student Teaching, and completion of FED328, SED313, SED451, and PYE319. The specific courses are listed below:

SED484A (Business Education)	Ten hours

SED484B (Art) ..... Ten hours
SED484G (Industrial Arts) ..... Ten hours
SED484H (English) ..... Ten hours
SED484I (Foreign Languages) ..... Ten hours
SED484J (Sciences) ..... Ten hours
SED484K (Mathematics) ..... Ten hours
SED484L (Social Studies) ..... Ten hours
SED484M (Speech) ..... Ten hours
SED484N (Speech Correction) ..... Ten hours
SED484P (Health, Physical Education, Recreation) ..... Ten hours
SED484R (Library Science) ..... Ten hours
SED484S (Music Education) ..... Ten hours

SED491 or G491—**Workshop in Citizenship Education.** Three hours. (191 or 491)

SED508—**High School Curriculum.** Four hours.

Various designs of the curriculum as they apply to general and specialized education, and a critical evaluation of the content of subject matter areas in terms of the needs of youth.

SED551—**Advanced Methods in Business Teaching.** Four hours.

Methods, procedures, and techniques in teaching business subjects, with special emphasis on shorthand and typewriting; includes a survey of principles, objectives, testing, curriculum construction, and guidance in business education.

SED552—**Seminar in Business Education.** Four hours.

An intensive study of specific problems in business education; includes a survey of literature, and emphasis on administration and supervision of high school and junior college business education programs.

SED554—**Reading in the Secondary School.** Four hours.

A course designed to acquaint the secondary teacher with a developmental high school reading program with emphasis on the basic skills in reading. Corrective practices and materials will also be discussed.

SED592—**Special Problems I, II, III.** One hour each. (535a,b,c)

See course description under "Elementary Education."

SED598—**Thesis in Education.** Eight hours. (702). (Credit deferred until thesis completed)

SED601—**Algebra for Secondary Teachers.** Four hours.

SED605—**Professional Subject Matter.** Four hours.

SED606—**Geometry for Secondary Teachers.** Four hours.

SED607—**Materials in Teaching Mathematics.** Four hours.

SED608—**Materials for Junior High School Teachers.** Four hours.

SED609—**Advanced Professional Subject Matter.** Four hours.

SPECIAL EDUCATION

Mississippi Southern College prepares teachers to teach mentally retarded children, and speech therapists to work with children in the public schools who have speech defects. Students who wish to become speech therapists should follow the program outlined in the Speech Department.

Teachers who specialize in teaching mentally retarded children ordinarily major in elementary education as outlined elsewhere in this catalog. They do part of their student teaching with normal children and part with mentally retarded children.

Students wishing to qualify to teach mentally retarded children must:

A. Earn credit in General Education as required by the College Core and outlined elsewhere in this catalog.

B. Earn 24 quarter hours of credit in Professional Education courses.

C. Earn 24 quarter hours in Specialized Education courses as follows:

	Hours
Special Education 486-G486—Psychology and Education of the Exceptional Child	4
Speech Therapy 301-G301—Introduction to Speech Therapy	4
Special Education 450-G450 — Education of the Mentally Retarded	4
Arts and Crafts (usually Recreation 469-G469)	4
*Electives	8
	24

*Electives are to be in directly related fields and approved by the coordinator of Special Education Services.

Prospective teachers of exceptional children are urged to consult with the Coordinator of Special Education Services in planning their programs.

SPECIAL EDUCATION COURSES

SPE450-G450—**Education of the Mentally Retarded.** Four hours. (150-450)

A study of the social, emotional, physical, and intellectual characteristics of the mentally retarded; methods of diagnosis and differentiation; special class organization, methods, and materials.

SPE486-G486—**The Psychology and Education of the Exceptional Child.** Four hours. (196-496)

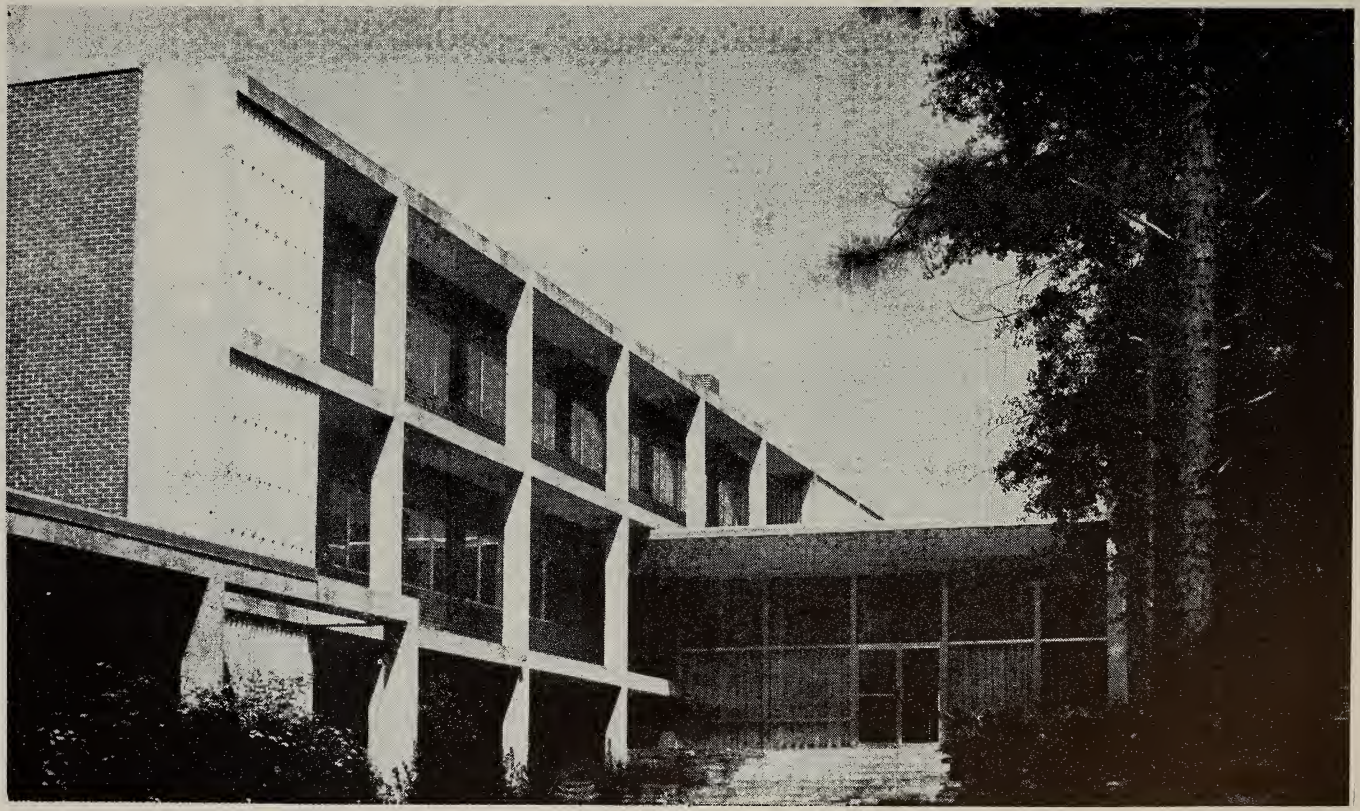
Considers the psychological and educational needs of children in the atypical groups; physically, visually, or auditorially handicapped; defective speech, mentally retarded, or socially and emotionally maladjusted.

SPE487-G487—**Probems in Special Education.** Four hours. (197-497)

Organization and administration at both state and local level of the education of the exceptional child, with attention to the related problems of special education of the atypical, or handicapped child.

SPE490-G490—**Workshop in Special Education I, II, III.** One and one half hours each.

Workshops in selected areas of special education.



Frank E. Marsh, Jr., Fine Arts Building

DIVISION OF FINE ARTS

Raymond Mannoni, Acting Chairman

ORGANIZATION

The Division of Fine Arts is organized into four departments: ART, MUSIC, MUSIC EDUCATION, and INSTRUMENTAL MUSIC.

ART

Walter Lok, Chairman
Ambrose, Merrifield, D'Olive

Major programs available in Drawing and Painting and in Commercial Art.

Courses recommended for the fulfillment of specialized education in art for special subject field teacher certification are:

Art 101, 102, 111, 112, 201, 251, 310, 320, 321, 331, 342, and Education 451B ..... 48 hours

Students should also elect a speech arts course in stagecraft.

Exhibitions on tour and students exhibitions are arranged and presented by the faculty, student committees, and members of the local chapter of Kappa Pi, national honorary art fraternity.

The department reserves the right to retain student work for exhibition purposes.

101—**Beginning Drawing.** Four hours. (21)

Basic problems in black and white sketching and modeling. Techniques for dry media such as pencil, conte crayon, charcoal.

102—**Intermediate Drawing.** Four hours. (28)

Prerequisite: Art 101 or permission of instructor.

Fluid media techniques; pen and ink; felt nibs; wash. More emphasis on composition.

103—**Advanced Drawing.** Four hours. (29)

Prerequisite: Art 102 or permission of instructor.

Creative drawing in all media. Introduction of color. Emphasis on interpretation and composition.

107—**Introductory Art.** Four hours. (25)

For students in the teaching programs.

Fundamentals of lettering; drawing; perspective; light and shade; color theory; design.

109—**Elementary School Art.** Four hours. (26)

Prerequisite: Art 107, an application of material from Art 107 to the classroom situation. Problems in this course follow work suggested by the "Mississippi Course of Study in Art for Elementary Schools."

111—**Beginning Design.** Four hours. (23)

Study of the terms of visual design, problems involving all the design elements in non-objective and more figurative modes. A color theory and some lettering.

112—**Intermediate Design.** Four hours. (32)

Prerequisite: Art 111, or permission of the instructor.

Further study of the creative approach to design in a variety of media and techniques.

113—**Advanced Design.** Four hours. (33)

Prerequisite: Art 112 or permission of the instructor.

A course in design applied to some reproductive techniques and three dimensional expressions.

201—**Figure Drawing.** Four hours. (34a)

Prerequisites: Permission of the instructor.

Study of the construction and the use of the human figure in design. Drawing from the model in various media.

202—**Figure Drawing.** Four hours. (34b)

A continuation of 201.

203—**Figure Drawing.** Four hours. (34c)

A continuation of 202.

251—**Sculpture.** Four hours. (50)

Problems in ceramic sculpture. Study of glazes; mixing and application. Firing.

261—**Graphic Arts.** Four hours. (52)

Prerequisites: Art 103 and 113 or equivalent, or permission of the instructor.

A study of design for, and techniques of, the various graphic arts (etching, drypoint, lithograph). Studio problems in some of the above techniques.

310—**History of Art.** Four hours. (112)

Open to all students.

Pre-Historic to Medieval art. A course in appreciation.

320—**History of Art.** Four hours. (113)

Open to all students.

Medieval through Modern art. A course in appreciation.

321—**Watercolor Painting.** Four hours. (118)

Prerequisites: Art 103 and 113, or permission of the instructor.

322—**Watercolor Painting.** Four hours. (150)

Prerequisite: Art 321.

Continuation of Art 321 with problems in opaque media.

331—**Oil Painting.** Four hours. (121)

Prerequisites: Art 103 and 113 or permission of the instructor.

Studies in the techniques of oil painting. Color, composition, and surface quality stressed.

332—**Oil Painting.** Four hours. (152)

Prerequisite: Art 331.

Further study in oil techniques. Greater emphasis on subject matter or content.

341—**Commercial Art.** Four hours. (122)

Prerequisites: Art 103 and 113, or permission of the instructor.

Recommended for those interested in any form of commercial art.

The rendering of objects and materials for commercial presentation.

342—**Commercial Art.** Four hours. (123)

Prerequisites: Art 103 and 113 or permission of the instructor.

Hand and precision lettering and advertising and show card layout.

343—**Commercial Art.** Four hours. (126)

Prerequisites: Art 341, 342, or permission of the instructor.

A study of commercial illustrative techniques and their application to a variety of layout problems.

352—**Sculpture.** Four hours. (115)

Prerequisite: Art 251.

Work with larger solid clay forms for casting. The use of armatures and various types of molds.

362—**Graphic Arts.** Four hours. (135)

Prerequisite: Art 261.

Further problems in design and production using various graphic media.

370—**Illustration.** Four hours. (154)

Prerequisites: Art 201 and 103, or permission of instructor.

Practical problems in the illustration of poems and short stories.

Black and white and color studies involving the relation of medium and technique to subject.

392—**Special projects for Elementary Teachers I & II.** (132 & 133)

Prerequisite: Art 107. Two hours each.

Projects in art and methods of presentation to children in the grades. Need not be taken in sequence.

423—**Watercolor Painting.** Four hours. (161)

Advanced study in opaque and transparent watercolor. Experiments with mixed media.

433—**Oil Painting.** Four hours. (163)

Further study in oils based on experiments in Arts 331 and 332 with special emphasis on techniques and specialized subject matter fields.

441—**Advertising Design.** Four hours. (134)

Prerequisite: Art 343 or permission of the instructor.

Practical problems in advertising design with particular attention to modern reproduction methods and the preparation of suitable copy.

442—**Advertising Design.** Four hours. (151)

Prerequisite: Art 441.

A continuation of Art 441 including a study of color separation techniques and typographic experiments.

443—**Advertising Design.** Four hours. (155)

Prerequisite: Art 442.

A continuation of Art 442 with particular emphasis on professional procedure.

453—**Sculpture.** Four hours. (130)

Prerequisite: Art 352.

Problems in wood, stone and metal sculpture.

463—**Graphic Arts.** Four hours. (137)

A continuation of Art 362.

470—**Painting Project.** Four hours. (156)

Prerequisites: Art 433, 423, or permission of instructor.

Full quarter series or unit project in painting involving considerable research. Seminar.

480—**Advertising Project.** Four hours. (158)

Prerequisite: Art 443 or permission of instructor.

Full quarter series or unit project in advertising design and presentation involving considerable research. Seminar.

DEPARTMENT OF MUSIC

Raymond Mannoni, Chairman

Baker, Baylis, Benner, Boxberger, Crohn, Frascarelli, Harmon, Hays, Hinds, Huck, Imbragulio, Joseph, Longyear, Lynch, McDonald, Marsh, Moody, Pound, Presser, Roubos, Saetre, Stocker

Mississippi Southern College is a member of the National Association of Schools of Music and is accredited by that organization. The requirements for entrance and for graduation are in accordance with the published regulations of the National Association of Schools of Music.

The Department of Music was organized for a four-fold purpose: (1) to combine musical and literary studies as a broad basis for regular college work; (2) to use the art of music as a means of intellectual, aesthetic, and moral culture; (3) to furnish instruction to special and general students; and (4) to train vocal instrumental supervisors of music and music therapists.

Admission

First, as a regular student. For any curriculum leading to a degree, the student must satisfy the entrance requirements of the college.

Students entering the applied music program must give evidence that the preparatory course in applied music has been completed.

Freshmen must take entrance examinations in elementary theory. Those passing may enroll in the regular required courses. Students who have had preparatory work but cannot pass the examination may enroll for the regular required courses, but must do two hours of supervised work each week without credit in elementary theory until the entrance requirements are satisfactorily fulfilled.

Second, as a special student. A student may, as a special student, elect any curriculum his previous training has qualified him to pursue with profit.

The curricula include systematic and progressive instruction in theory, history and practice of the arts to which they severally relate, and in those branches of language, philosophy, history, and criticism which bear most directly upon these arts, and without knowledge of which success in the higher domain of arts is possible.

Students desiring to major in music should register for the Bachelor of Music degree with piano, church music and organ, voice, violin, viola, violoncello, string bass, flute, oboe, clarinet, bassoon, French horn, trumpet, trombone, tuba, music history and literature, music therapy, or theory-composition, as a major; or for the Bachelor of Music Education degree with vocal or instrumental music education as a major. However, any student of the college not registered for a music degree may pursue such courses in the Department of Music as he wishes if he pays the required fees.

Music majors who have taken music courses under private instruction or in such way as not to receive credit may be excused from required courses in the music curriculum on the basis of tests of proficiency.

Every music major is required to participate in the same major organization for 12 quarters, with the exception of music education majors, who will be excused the quarter of their internship. Departmental approval must be received if the student wishes to change organization. In addition, the student will be allowed to participate in one other ensemble. Permission for participation in more than two ensembles must be granted by the division chairman.

The student who wishes to take a B.A. or B.S. degree and minor in music may do so by taking the following distribution of courses:

Music Theory 101, 102, 103	12 hours
Survey of Music Literature 131, 132, 133	6 hours
Conducting 331, 332, 333	3 hours
Piano	6 hours
Voice	3 hours
Instrument Electives	3 hours
Music Electives	6 hours
Total	39 hours

I. The Curriculum in Applied Woodwinds (Flute, Oboe, Clarinet, and Bassoon)

It is the aim of this curriculum to provide instruction which will prepare the student for a career as a professional musician in a symphony orchestra or some other ensemble of comparable stature. Throughout the course careful attention is given to the development of technique, musical style, interpretation, and musicianship. Special emphasis is placed on advanced ensemble playing.

Candidates for the degree of Bachelor of Music must be prepared to present a recital indicating a familiarity with composers of the classic, romantic, and modern schools of composition. Instrumental Major requirements for this curriculum are the same as those for Applied Brass.

II. The Curriculum in Applied Brass (Trumpet, French horn, Trombone, and Tuba)

It is the aim of this curriculum to provide instruction which will prepare the student for a career as a professional musician in a symphony orchestra or some other ensemble of comparable stature. Throughout the course careful attention is given to the development of techniques, musical style, interpretation, and musicianship. Special emphasis is placed on advanced ensemble playing.

Candidates for the degree of Bachelor of Music must be prepared to present a recital indicating a familiarity with composers of the classic, romantic, and modern schools of composition.

INSTRUMENTAL MAJOR
Wind Major
(Leading to degree of Bachelor of Music)

Freshman

Music Theory 101, 102, 103	4	4	4
Survey of Music Literature 131, 132, 133	2	2	2
English 101, 102, 103	4	4	4
Social Studies Electives	4	4	
Math 100 or 101			4
Physical Education	0	0	0
Piano 101-1, 102-1, 103-1	1	1	1
Major Wind Instrument	2	2	2
Band or Orchestra 181B, 182B, 183B, or 181A, 182A, 183A	0	0	0
	17	17	17

Sophomore

Music Theory 201, 202, 203	4	4	4
History of Music 231, 232, 233	2	2	2
Humanities Electives	4	4	4
Physical Education	0	0	0
Laboratory Science electives	4	4	
Psychology 201			4
Piano 201-1, 202-1, 203-1	1	1	1
Major Wind Instrument	2	2	2
Band or Orchestra 281B, 282B, 283B, or 281A, 282A, 283A	0	0	0
	17	17	17

Junior

Harmonic & Formal Analysis 301, 302, 303	2	2	2
Counterpoint 321, 322, 323	2	2	2

Ensemble 371, 372, 373	2	2	2
Conducting 331, 332, 333	1	1	1
Voice Class 301, 302, 303	2	2	2
Major Wind Instrument	4	4	4
French or German	4	4	4
Band or Orchestra 381B, 382B, 383B, or 381A, 382A, 383A	0	0	0
	17	17	17

Senior

Orchestration 401, 402, 403	2	2	2
Adv. Ensemble 471, 472, 473	2	2	2
Wind Pedagogy 451E, 452E, 453E	2	2	2
Instrumental Literature 441D, 442D, 443D	2	2	2
Major Instrument (including recital)	4	4	6
String Class 455	2		
Woodwind Class 457		2	
Brass Class 459			2
Electives	2	2	
Band or Orchestra 481B, 483B, 483B, or 481A, 482A, 483A	0	0	0
	16	16	16

III. The Curriculum in Piano

The best principles of modern piano technique form the basis of teaching in this department. The student is thoroughly grounded in the classics, including Bach's Inventions and Well-Tempered Clavichord, with Czerny, Clementi, Chopin and Liszt Etudes, sonatas by Haydn, Mozart and Beethoven, and selections from the compositions of the best composers of the classic, romantic, and modern schools of composition.

In the junior and senior years of the course, concertos by Mendelssohn, Beethoven, Chopin, Grieg, Schumann, Liszt, and modern composers are studied and performed. Students to rank as freshmen must show that they have had the equivalent of four years of serious study of the piano.

Candidates for the degree of Bachelor of Music with Piano as a major must present recitals selected from composers of the classic, romantic, and modern schools in their junior and senior years. Candidates with piano as a major in the field of Music Education must be prepared to present part of a recital in their senior year.

PIANO MAJOR

(Leading to degree of Bachelor of Music)

Freshman

Music Theory 101, 102, 103	4	4	4
Survey of Music Literature 131, 132, 133	2	2	2
English 101, 102, 103	4	4	4
Social Studies electives	4	4	
Math 100 or 101			4
Physical Education	0	0	0
Piano 101-3, 102-3, 103-3	3	3	3
Chorus 181C, 182C, 183C	0	0	0
	17	17	17

Sophomore

Music Theory 201, 202, 203	4	4	4

History of Music 231, 232, 233	2	2	2
Humanities Electives	4	4	4
Physical Education	0	0	0
Laboratory Science electives	4	4	
Psychology 201			4
Piano 201-3, 202-3, 203-3	3	3	3
Chorus 281C, 282C, 283C	0	0	0
	17	17	17

Junior

Harmonic & Formal Analysis 301, 302, 303	2	2	2
Counterpoint 321, 322, 323	2	2	2
Ensemble 371, 372, 373	2	2	2
Conducting 331, 332, 333	1	1	1
Voice Class 301, 302, 303	2	2	2
Piano 301-4, 302-4, 303-4	4	4	4
French or German	4	4	4
Chorus 381C, 382C, 383C	0	0	0
	17	17	17

Senior

Orchestration 401, 402, 403	2	2	2
Adv. Ensemble 471, 472, 473	2	2	2
Piano Pedagogy 451B, 452B, 453B	2	2	2
Piano Literature 441B, 442B, 443B	2	2	2
Piano 401-6, 402-6, 403-6 (including recital)	6	6	6
Electives	4	4	
Chorus 481C, 482C, 483C	0	0	0
	16	16	14

IV. The Curriculum in Pipe Organ

The best and most modern principles of organ technique are presented to the student who majors in pipe organ. The student is thoroughly grounded in literature from the Pre-Bach, Bach, Romantic, and Contemporary schools of composition. The curriculum in pipe organ is designed for those who wish to make pipe organ their instrument for concert work and who wish to teach pipe organ at the college or university level. In the senior year, a one hour public recital is expected to be given demonstrating a high level of musicianship.

ORGAN MAJOR

(Leading to degree of Bachelor of Music)

Freshman

Music Theory 101, 102, 103	4	4	4
Survey of Music Literature 131, 132, 133	2	2	2
English 101, 102, 103	4	4	4
Social Studies Electives	4	4	
Math. 100 or 101			4
Physical Education	0	0	0
Piano 101-1, 102-1, 103-1	1	1	1
Organ 111-2, 112-2, 113-2	2	2	2
Chorus 181C, 182C, 183C	0	0	0
	17	17	17

Sophomore

Music Theory 201, 202, 203	4	4	4

History of Music 231, 232, 233	2	2	2
Humanities Electives	4	4	4
Physical Education	0	0	0
Laboratory Science Electives	4	4	
Psychology 201			4
Piano 201-1, 202-1, 203-1	1	1	1
Organ 211-2, 212-2, 213-2	2	2	2
Chorus 281C, 282C, 283C	0	0	0
	17	17	17

Junior

Harmonic & Formal Analysis 301, 302, 303	2	2	2
Counterpoint 321, 322, 323	2	2	2
Ensemble 371, 372, 373	2	2	2
Conducting 331, 332, 333	1	1	1
Voice Class 301, 302, 303	2	2	2
Organ 311-4, 312-4, 313-4	4	4	4
French or German	4	4	4
Chorus 381C, 382C, 383C	0	0	0
	17	17	17

Senior

Orchestration 401, 402, 403	2	2	2
Adv. Ensemble 471, 472, 473	2	2	2
Organ Pedagogy 451C, 452C, 453C	2	2	2
Organ Literature 441C, 442C, 443C	2	2	2
Organ 411-4, 412-4, 413-6 (including recital)	4	4	6
Electives	2	2	2
Gregorian Chant 461	2		
Hymnology 462		2	
Administration of Church Music 463			2
Chorus 481C, 482C, 483C	0	0	0
	16	16	16

V. The Curriculum in Violin and Viola

It is the aim of the Violin Department to offer instruction that will thoroughly train the student to meet the demands of the orchestra and concert violinist as well as to prepare for the field of teaching. Throughout the course careful attention is given to the development of technique, musical style, interpretation, and musicianship. Special emphasis is placed on ensemble in advanced classes.

The material studied is selected according to the individual needs of the student from the following studies: Sevick, Leonard, Kayser, Mazas, Schradieck, Kruetzer, Rhode, and others. For the development of style and interpretation, sonatas by Tartini, Nardini, Handel, Haydn, and Bach are used, and concertos of Viotti, Rode, DeBeriot, Mendelssohn and Wieniawski. For graduation, selections are made from concertos by Beethoven, Bruch, Mendelssohn, Vieuxtemps, and others of equal difficulty, and miscellaneous compositions from Paganini, Sarasate, Wieniawski, Hubay, and representative modern composers.

Candidates for the degree of Bachelor of Music must be prepared to present a recital from composers of the classic, romantic, and modern schools in their junior and senior years. See instrumental major requirements following the curriculum in violoncello and string bass.

VI. The Curriculum in Violoncello and String Bass

The aims of this department are the same as those of the Violin Department.

The material studied is selected according to the individual needs of the student from the following studies: Dotzauer, Grutzmacher, Duport, Popper, and Piatti. For development of style and interpretation sonatas by Cervetto, Locatelli, and Boccherini, and suites for violoncello alone by J. S. Bach, concertos by Romberg, Davidoff, Servias, Popper, Golterman, Saint-Saens, Lalo, Dvorak, D'Albert, and Schumann. Concert pieces by Tchaikowsky Davidoff, Popper and Boellmman.

Candidates for the degree of Bachelor of Music must be prepared to present a recital of selected composers of the classic, romantic, and modern schools in their junior and senior years.

INSTRUMENTAL MAJOR

String Major

(Leading to degree of Bachelor of Music)

Freshman

Music Theory 101, 102, 103	4	4	4
Survey of Music Literature 131, 132, 133	2	2	2
English 101, 102, 103	4	4	4
Social Studies Electives	4	4	
Math 100 or 101			4
Physical Education	0	0	0
Piano 101-1, 102-1, 103-1	1	1	1
Major Instrument 121-2, 122-2, 123-2	2	2	2
Orchestra or Band 181A, 182A, 183A, or 181B, 182B, 183B	0	0	0
	17	17	17

Sophomore

Music Theory 201, 202, 203	4	4	4
History of Music 231, 232, 233	2	2	2
Humanities Electives	4	4	4
Physical Education	0	0	0
Laboratory Science electives	4	4	
Psychology 201			4
Piano 201-1, 202-1, 203-1	1	1	1
Major String Instrument 221-2, 222-2, 223-2	2	2	2
Orchestra or Band 281A, 282A, 283A, or 281B, 282B, 283B	0	0	0
	17	17	17

Junior

Harmonic & Formal Analysis 301, 302, 303	2	2	2
Counterpoint 321, 322, 323	2	2	2
Ensemble 371, 372, 373	2	2	2
Conducting 331, 332, 333	1	1	1
Voice Class 301, 302, 303	2	2	2
Major String Instrument 321-4, 322-4, 323-4	4	4	4
French or German	4	4	4
Orchestra or Band 381A, 382A, 383A, or 381B, 382B, 383B	0	0	0
	17	17	17

Senior

Orchestration 401, 402, 403	2	2	2
Adv. Ensemble 471, 472, 473	2	2	2
String Pedagogy 451D, 452D, 453D	2	2	2
Instrumental Literature 441D, 442D, 443D	2	2	2
Major String Instrument 421-4, 422-4, 423-6 (including recital)	4	4	6

String Class 455	2		
Woodwind Class 457		2	
Brass Class 459			2
Electives	2	2	
Orchestra or Band 481A, 482A, 483A, or 481B, 482B, 483B	0	0	0
	16	16	16

VII. The Curriculum in Voice

The aim of the Voice Department is to prepare the student technically to meet the vocal demands of the best in song, operatic, and oratorio literature. Good intonation, flexibility, and a scale that is resonant and of pleasing quality throughout its entire range are sought through the medium of progressive exercises and vocalises. Song literature of the classic and modern schools is given to build musicianship and a sense of style. Upon graduation, the student must have a repertoire of recitatives and arias from standard operas and oratorios, as well as repertoire of songs from the English, German, French and Italian schools. Students to be classified as freshmen in the vocal degree course must show by examination that they have the technical and musical development equivalent to one year of vocal study, as well as preparatory piano.

Candidates for the degree of Bachelor of Music with voice as a major must be prepared to present a recital of standard songs and arias selected from the classic and modern schools in their senior year. A candidate with vocal pedagogy as a major must be prepared to present part of a recital in his senior year and place more emphasis upon the teaching of voice.

VOICE MAJOR

(Leading to degree of Bachelor of Music)

Freshman

Music Theory 101, 102, 103	4	4	4
Survey of Music Literature 131, 132, 133	2	2	2
English 101, 102, 103	4	4	4
Laboratory Science electives	4	4	
Math 100 or 101			4
Physical Education	0	0	0
Piano 101-1, 102-1, 103-1	1	1	1
Voice 161-2, 162-2, 163-2	2	2	2
Chorus 181C, 182C, 183C	0	0	0
	17	17	17

Sophomore

Music Theory 201, 202, 203	4	4	4
History of Music 231, 232, 233	2	2	2
Humanities Electives	4	4	4
Physical Education	0	0	0
French 101, 102, 103	4	4	4
Piano 201-1, 202-1, 203-1	1	1	1
Voice 261-2, 262-2, 263-2	2	2	2
Chorus 281C, 282C, 283C	0	0	0
	17	17	17

Junior

Harmonic & Formal Analysis 301, 302, 303	2	2	2
Counterpoint 321, 322, 323	2	2	2
Opera Workshop 341, 342, 343	2	2	2
Conducting 331, 332, 333	1	1	1

German 101, 102, 103	4	4	4
Voice 361-3, 362-3, 363-3	3	3	3
Electives	2	2	
Psychology 201			4
Chorus 381C, 382C, 383C	0	0	0
	16	16	18

Senior

Orchestration 401, 402, 403	2	2	2
Opera Workshop 441, 442, 443	2	2	2
Voice Pedagogy 451a, 452a, 453a	2	2	2
Vocal Literature 441a, 442a, 443a	2	2	2
Diction 401, 402, 403	1	1	1
Social Studies electives	4	4	
Voice 461-4, 462-4, 463-6 (including recital)	4	4	6
Chorus 481C, 482C, 483C	0	0	0
	17	17	15

VIII. The Curriculum in Church Music

The curriculum in church music with either voice or organ as a major, is designed to provide a thorough and complete course of training for those who intend to pursue church music as full time profession. Special emphasis is placed on literature to be used in the church services. A one-hour recital must be presented on the major instrument during the senior year to be a candidate for the degree of Bachelor of Music with Church Music as the major.

CHURCH MUSIC MAJOR

(Leading to degree of Bachelor of Music)

Freshman

Music Theory 101, 102, 103	4	4	4
Survey of Music Literature 131, 132, 133	2	2	2
Major Applied Music (organ or voice)	2	2	2
Piano 101-1, 102-1, 103-1	1	1	1
English 101, 102, 103	4	4	4
Science Laboratory Electives	4	4	
Math 100 or 101			4
Physical Education	0	0	0
Chorus 181C, 182C, 183C	0	0	0
	17	17	17

Sophomore

Music Theory 201, 202, 203	4	4	4
History of Music 231, 232, 233	2	2	2
Major Applied Music (organ or voice)	2	2	2
Piano 201-1, 202-1, 203-1	1	1	1
Humanities Electives	4	4	4
Social Studies Electives	4	4	
Psychology 201			4
Physical Education	0	0	0
Chorus 281C, 282C, 283C	0	0	0
	17	17	17

Junior

Harmonic & Formal Analysis 301, 302, 303	2	2	2
Counterpoint 321, 322, 323	2	2	2

Major Applied Music (organ or voice)	3	3	3
Minor Applied Music (voice or organ)	1	1	1
Conducting 331, 332, 333	1	1	1
History of Church Music 351, 352, 353	2	2	2
Elementary Music Methods 311	2		
Intermediate Music Methods 312		2	
Junior High Sch. Methods 313			2
Old Testament 201	2		
New Testament 202		2	
Religion Elective			4
Electives	2	2	
Chorus 381C, 382C, 383C	0	0	0
	17	17	17

Senior

Composition 311, 312 313	2	2	2
Advanced Choral Conducting	2	2	2
Major Applied Music (organ or voice)	3	3	3
Minor Applied Music (voice or organ)	1	1	1
Gregorian Chant 461	2		
Hymnology 462		2	
Administration of Church Music 463			2
Liturgies 471, 472, 473	2	2	2
French or German	4	4	4
Chorus 481C, 482C, 483C	0	0	0
	16	16	16

APPLIED MUSIC AND ORGANIZATIONS

First Year

101-102-103	Piano	1-6 Hrs. Each (25-26-27)
111-112-113	Organ	1-6 Hrs. Each (46-47-48)
121-122-123	Strings	1-6 Hrs. Each (31-32-33)
131-132-133	Woodwinds	1-6 Hrs. Each (25x1-4, 26x1-4, 27x1-4)
141-142-143	Brass	1-6 Hrs. Each (25x4-8, 26x4-8, 27x4-8)
151-152-153	Percussion	1-6 Hrs. Each (25x9, 26x9, 27x9)
161-162-163	Voice	1-6 Hrs. Each (28, 29,30)
181A-182A-183A	Orchestra	No Credit (21A, 21B, 21C)
181B-182B-183B	Band	No Credit (22A, 22B, 22C)
181C-182C-183C	Chorus	No Credit (20A, 20B, 20C)

Second Year

201-202-203	Piano	1-6 Hrs. Each (55, 56, 57)
211-212-213	Organ	1-6 Hrs. Each (76, 77, 78)
221-222-223	Strings	1-6 Hrs. Each (61, 62, 62)
231-232-233	Woodwinds	1-6 Hrs. Each (55x1-4, 56x1-4, 57x1-4)
241-242-243	Brass	1-6 Hrs. Each (55x4-8, 56x4-8, 57x4-8)
251-252-253	Percussion	1-6 Hrs. Each (55x9, 56x9, 57x9)
261-262-263	Voice	1-6 Hrs. Each (58, 59, 60)
281A-282A-283A	Orchestra	No Credit (51A, 51B,51C)
Prerequisite: 181A, 182A, 183A		
281B-282B-283B	Band	No Credit (52A, 52B, 52C)
Prerequisite: 181B, 182B, 183B		
281C-282C-283C	Chorus	No Credit (50A, 50B, 50C)
Prerequisite: 181C, 182C, 183C		

Third Year

301-302-303	Piano	1-6 Hrs. Each (105, 106,107)
311-312-313	Organ	1-6 Hrs. Each (136, 137,138)
321-322-323	Strings	1-6 Hrs. Each (111, 112, 113)
331-332-333	Woodwinds	1-6 Hrs. Each (105x1-4, 106x1-4, 107x1-4)
341-342-343	Brass	1-6 Hrs. Each (105x4-8, 106x4-8, 107x4-8)
351-352-353	Percussion	1-6 Hrs. Each (105x9, 106x9, 107x9)
361-362-363	Voice	1-6 Hrs. Each (108, 109, 110)
371-372-373	Ensemble	2 Hrs. Each (123x1, 124x1, 125x1)

Prerequisite: Junior standing in the applied music area concerned.

Instrumental ensemble in piano, organ, strings, and winds. The study and performance of two-piano literature, and/or ensemble work for strings, piano, organ, voice, woodwinds, and brasses.

381A-382A-383A	Orchestra	No Credit (101A, 101B, 101C)

Prerequisite: 281C-282C-283C

381B-382B-383B	Band	No Credit (102A, 102B, 102C)

Prerequisite: 281B, 282B, 283B

381C-382C-383C	Chorus	No Credit (100A, 100B, 100C)

Prerequisite: 281C, 282C, 283C

Fourth Year

401-402-403	Piano	1-6 Hrs. Each (155, 156, 157)
411-412-413	Organ	1-6 Hrs. Each (186, 187, 188)
421-422-423	Strings	1-6 Hrs. Each (161, 162,163)
431-432-434	Woodwinds	1-6 Hrs. Each (155x1-4, 156x1-4, 157x1-4)
441-442-443	Brass	1-6 Hrs. Each (155x4-8, 156x4-8, 157x4-8)
451-452-453	Percussion	1-6 Hrs. Each 155x9, 156x9, 157x9)
461-462-463	Voice	1-6 Hrs. Each (158, 159, 160)
471-472-473	Advanced Ensemble	2 Hrs. Each (173x1, 174x1, 175x1)

Prerequisite: 371, 372, 373, and senior standing in the applied music area concerned.

The study of chamber music literature with participation in public programs of chamber music.

481A-482A-483A	Orchestra	No Credit (151A, 151B, 151C)

Prerequisite: 381A-382A-383A

481B-482B-483B	Band	No Credit (152A, 152B,152C)

Prerequisite: 381B-382B-383B

481C-482C-483C	Chorus	No Credit (150A, 150B, 150C)

Prerequisite: 381C-382C-383C

501-502-503	Piano	1-5 Hrs. Each (505, 506, 507)
511-512-513	Organ	1-5 Hrs. Each (517, 518, 519)
521-522-523	Strings	1-5 Hrs. Each (502, 503, 504)
531-532-533	Woodwinds	1-5 Hrs. Each
541-542-543	Brass	1-5 Hrs. Each
551-552-553	Percussion	1-5 Hrs. Each
561-562-563	Voice	1-5 Hrs. Each (508, 509, 510)

IX. The Curriculum in Music History and Literature

The curriculum in music history and literature is planned for those who intend to teach on the college level or for those who desire careers in musical journalism, music publishing, or the recording industry, fields in which a wide and comprehensive knowledge of music history and literature is essential.

The major in music literature will receive a strong foundation not only in his chosen field but also in theory and in academic subjects which will enrich the student's cultural background. Such a student will be well equipped for graduate study leading to the Ph.D. in musicology.

MUSIC HISTORY AND LITERATURE MAJOR
(Leading to degree of Bachelor of Music)

Freshman

Music Theory 101, 102, 103	4	4	4
Survey of Music Literature 131, 132, 133	2	2	2
Piano 101-1, 102-1, 103-1	1	1	1
Applied Music Electives	2	2	2
English 101, 102, 103	4	4	4
Laboratory Science Elective	4	4	
Math 100 or 101			4
Physical Education	0	0	0
Orch., Band, or Chorus 181A, B, or C; 182A, B, or C; 183A, B. or C	0	0	0
	17	17	17

Sophomore

Music Theory 201, 202, 203	4	4	4
History of Music 231, 232, 233	2	2	2
Piano 201-1, 202-1, 203-1	1	1	1
Applied Music Electives	2	2	2
Humanities Electives	4	4	4
French or German	4	4	4
Physical Education	0	0	0
Orch., Band, or Chorus 281A, B, or C; 282A, B, or C; 283A, B, or C	0	0	0
	17	17	17

Junior

Harmonic & Formal Analysis 301, 302, 303	2	2	2
Counterpoint 321, 322, 323	2	2	2
Baroque Music 331	4		
Eighteenth Century Music 332		4	
Nineteenth Century Music 333			4
Conducting 331, 332, 333	1	1	1
Applied Music Elective	2	2	2
History of Church Music 351, 352, 353	2	2	2
Social Science Electives	4	4	
Psychology 201			4
Orch., Band, or Chorus 381A, B, or C; 382A, B, or C; 383A, B, or C	0	0	0
	17	17	17

Senior

Music Literature Electives 441, 442, 443	4	4	4
Orchestration 401, 402, 403	2	2	2
History of Opera 431	4		
American Music 432		4	
Twentieth Century Music 433			4
Applied Music Electives	2	2	2
Electives	4	4	4
Orch., Band, or Chorus 481A, B, or C; 482A, B, or C; 483A, B, or C	0	0	0
	16	16	16

X. The Curriculum in Music Therapy

Music therapy has received widespread acceptance in recent years. Its value in the rehabilitation of individuals with certain types of illnesses has been recognized by medical authorities for years. There is an ever-increasing number of calls for music therapists.

The curriculum has been designed to prepare specialists who can work with mentally retarded children, handicapped children, and adults who are patients in various kinds of hospitals.

The Bachelor of Music Degree in Music Therapy is offered upon the completion of a four-year curriculum. Undergraduate requirements contain a six-month period of internship in an approved neuropsychiatric hospital.

MUSIC THERAPY MAJOR

(Leading to degree of Bachelor of Music)

Freshman

Music Theory 101, 102, 103	4	4	4
Survey of Music Literature 131, 132, 133	2	2	2
Piano 101-1, 102-1, 103-1	1	1	1
Voice 161-1, 162-1, 163-1	1	1	1
English 101, 102, 103	4	4	4
Biology 101, 102	4	4	
Sociology 103			4
Physical Education	0	0	0
Orch., Band, or Chorus 181A, B, or C; 182A, B, or C; 183A, B, or C	0	0	0
	16	16	16

Sophomore

Music Theory 201, 202, 203	4	4	4
History of Music 231, 232, 233	2	2	2
Piano 201-1, 202-1, 203-1	1	1	1
Voice 261-1, 262-1, 263-1	1	1	1
History 101, 102 or 151, 152	4	4	
Psychology 201			4
English Literature 201	4		
Physical Science Elective		4	
Math 100 or 101			4
Physical Education	0	0	0
Orch., Band, or Chorus 281A, B, or C; 282A, B, or C; 283A, B, or C	0	0	0
	16	16	16

Junior

Harmonic & Formal Analysis 301, 302, 303	2	2	2
*Applied Music (electives)	2	2	2
Introduction to Music Therapy 381	4		
Recreational Music 382		4	
Musical Acoustics 230			4
Elementary Music Methods 311	2		
Intermediate Music Methods 312		2	
Conducting 331, 332, 333	1	1	1
String Class 455	2		
Woodwind Class 457		2	
Speech 101			4
Psychology (Mental Hygiene) 337	4		
Psychology (Human Growth & Development) 316		4	
Physiology 229			4
Orch., Band, or Chorus 381A, B, or C; 382A, B, or C; 383A, B, or C	0	0	0
	17	17	17

Senior

**Applied Music (electives)	2	2	2
Orchestration 401, 402, 403	2	2	2

Functional Piano 491, 492, 493	1	1	1
Brass Class 459		2	
Psychological Foundation of Music 481	4		
Influence of Music on Behavior 482		4	
Problems and Procedures — Music Therapy 483			4
Abnormal Psychology 481	4		
Psychology 445 or Sociology 429			4
Psychology 480 (Theories of Personality)		4	
Sociology 304 (The Family)	4		
Internship 409			1
Electives		2	2
Orch., Band, or Chorus 481A, B, or C; 482A, B, or C; 483A, B, or C	0	0	0
	17	17	16

*All Music Therapy students pass a proficiency examination in piano on sight playing, accompanying, transposition, improvising accompaniments to given melodies, playing by ear, and a knowledge of piano literature.

**Two quarters of organ are recommended as minimum.

In addition to the courses listed above, a minimum of six months clinical training through residence internship in an approved neuropsychiatric hospital with an established music therapy program is required. Students planning to work with mentally defective or handicapped children should spend an additional two months in an appropriate institution.

XI. The Curriculum in Theory-Composition

This course is designed to prepare the student for the teaching of theory and composition, the writing and arranging of music of serious intent, and the arranging and writing of music of a commercial nature. Various steps in the preparation of music from the preliminary sketch to the published composition are included. The student will become familiar with the Musicwriter, Vari-Typer, diazo-printing, offset-printing, copyright law, and the sale, distribution and promotion of published music.

THEORY — COMPOSITION MAJOR
(Leading to Degree of Bachelor of Music)

Freshman

Music Theory 101, 102, 103	4	4	4
Survey of Music Literature 131, 132, 133	2	2	2
Piano 101-1, 102-1, 103-1	1	1	1
Applied Music Electives	2	2	2
English 101, 102, 103	4	4	4
Social Science electives	4	4	
Math 100 or 101			4
Physical Education	0	0	0
Orch., Band, or Chorus 181A, B, or C; 182A, B, or C; 183A, B, or C	0	0	0
	17	17	17

Sophomore

Music Theory 201, 202, 203	4	4	4
History of Music 231, 232, 233	2	2	2
Piano 201-1, 202-1, 203-1	1	1	1
Applied Music Electives	2	2	2
Humanities Electives	4	4	4
Laboratory Science Electives	4	4	
Psychology 201			4

Physical Education	0	0	0
Orch., Band, or Chorus 281A, B, or C; 282A, B, or C; 283A, B, or C	0	0	0
	17	17	17

Junior

Harmonic & Formal Analysis 301, 302, 303	2	2	2
Counterpoint 321, 322, 323	2	2	2
Composition 311, 312, 313	2	2	2
Orchestration 401, 402, 403	2	2	2
Conducting 331, 332, 333	1	1	1
Voice 161-2, 162-2, 163-2	2	2	2
Applied Music Electives	2	2	2
French or German	4	4	4
Orch., Band, or Chorus 381A, B, or C; 382A, B, or C; 383A, B, or C	0	0	0
	17	17	17

Senior

Advanced Counterpoint 421, 422, 423	2	2	2
Advanced Composition 411, 412, 413	2	2	2
Advanced Orchestration 405, 406, 407	2	2	2
Strings Class 455	2		
Woodwinds Class 457		2	
Brass Class 459			2
Percussion Class Methods 429			2
Applied Music Electives	2	2	2
Electives	4	4	
Music Literature Electives	2	2	2
Orch., Band, or Chorus 481A, B, or C; 482A, B, or C; 483A, B, or C	0	0	0
	16	16	14

MUSIC

101-102-103—**Music Theory.** Four hours each. (34x1, 35x1, 36x1)

Prerequisite: A knowledge of music notation.

Scales, intervals, and part-writing, using triads, the dominant seventh chord, non-harmonic tones and modulation. Correlated keyboard harmony and dictation. Sight-singing in bass and treble clefs.

131-132-133—**Survey of Music Literature.** Two hours each. (43, 44, 45)

A cultural course in the appreciation and understanding of music.

201-202-203—**Advanced Music Theory.** Four hours each. (64x1, 65x1, 66x1)

Prerequisite: Music Theory 101, 102, 103.

Part-writing, including secondary seventh chords, borrowed chords, altered chords, and foreign modulation. Correlated keyboard harmony and dictation. Sight-singing in all clefs.

230—**Musical Acoustics.** Four hours. (20)

An investigation of the nature and perception of musical sounds designed to lead to a better understanding of problems of tone production, intonation, and allied musical aspects.

231-232-233—**History of Music,** Two hours each. (73, 74, 75)

Prerequisite: 131, 132, 133 & 101, 102, 103

Music of primitive nations; rise and developments of liturgy; the Polyphonic Age; the rise of opera and oratoria; the periods of Bach and Handel, Haydn, and Mozart; advent of Beethoven; American musical development.

301-302-303—**Harmonic and Formal Analysis.** Two hours. (114, 115, 116)

Prerequisite: Advanced Music Theory 201, 202, 203.

Music of various periods is analyzed formally, harmonically, and contrapuntally.

311-312-313—**Composition.** Two hours. (164, 165, 166)

Prerequisite: 301, 302, 303 & 321, 322, 323

Composition in the smaller forms. Contemporary and stylistic techniques. Steps in the preparation of music for publication are included.

321-322-323—**Counterpoint.** Two hours each. (117, 118, 119)

Prerequisite: Advanced Music Theory 201, 202, 203.

Two, three, and four-voice contrapuntal writing in the style of Palestrina and/or Bach.

331-G331—**Baroque Music.** Four hours.

Rise of oratorio and opera; keyboard literature; development of the concerto principle; instrumental ensembles; sacred and secular cantatas; performance practice. Open to non-music majors with consent of instructor. Offered 1961-62 and in alternate years.

332-G332—**18th Century Music.** Four hours.

Development of the sonata-concept and its application to musical forms through Beethoven; performance practice. Open to non-music majors with consent of instructor. Offered 1961-62 and in alternate years.

333-G333—**19th Century Music.** Four hours.

Origins of musical romanticism; expansion of the sonata-concept; symphonic poem and music drama; piano works and Lieder; nationalism. Open to non-music majors with consent of instructor. Offered 1961-62 and in alternate years.

351-352-353—G351, G352, G353—**History of Church Music.** Two hours. (212, 213, 214)

History of Christian Church music, with emphasis on the use of literature; history of organ music with emphasis on its use in the church service; and history of choral music with emphasis on its use in the church service.

381—**Music Therapy I. Introduction to Music Therapy.** Four hours. (241)

Prerequisites: Four hours each of biological science, psychology, and sociology. Consent of instructor.

An introductory course in the therapeutic use of music in institutions and special schools; includes a survey of current research and experimental studies. Field trips and observations are part of course requirements.

382—**Recreational Music.** Four hours. (243)

Prerequisites: Music 381 or consent of instructor based upon a successful proficiency examination.

Materials and techniques useful in developing recreational music activities including vocal and instrumental ensembles, rhythm bands, musical games, and community singing.

401-402-403—**Orchestration.** Two hours. (167, 168, 169)

Prerequisite: Advanced Music Theory 201, 202, 203.

A study of the instruments of the band and orchestra and scoring for small combinations and band, orchestra, and chorus.

405-406-407—G405, G406, G407—**Advanced Orchestration.** Two hours.

Prerequisites: 401, 402, 403

409—**Internship.** One hour.

A six months internship in an approved neuropsychiatric hospital.

411-412-413—G411, G412, G413—**Advanced Composition.** Two hours each. (200, 201, 202)

Prerequisites: 311, 312, 313.

Writing in larger forms for various choral and instrumental combinations.

421-422-423—G421, G422, G423—**Advanced Counterpoint.** Two hours each. (197, 198, 199)

Prerequisite: 321, 322, 324.

Eighteenth century canons and fugal writing. Sixteenth century writing in madrigal style.

431-G431—**History of Opera.** Four hours. (215)

The history of the musical theatre from Greek drama to the present. Open to non-music majors with consent of instructor. Offered 1962-63 and alternate years.

432-G432—**American Music.** Four hours.

A study of the development of music in North America with particular emphasis in three areas; (1) European heritage (2) jazz (3) composers of the twentieth century whose idiom evidences strong roots in American culture. Open to non-music majors with consent of instructor. Offered 1962-63 and alternate years.

433-G433——**20th Century Music.** Four hours.

Examination of musical trends since Debussy and Mahler. Open to non-music majors with consent of instructor. Offered 1962-63 and alternate years.

441A-442A-443A—G441A, G442A, G443A—**Vocal Literature.** Two hours each. (224, 225, 226)

Required of all senior voice majors.

441B-442B-443B—G441B, G442B, G443B—**Vocal Literature.** Two hours each. (224, 225, 226)

Required of all senior Piano majors.

441C-442C-443C—G441C, G442C, G443C—**Organ Literature.** Two hours each.

Required of all senior Organ majors.

441D-442D-443D—G441D, G442D, G443D—**Instrumental Literature.** Two hours each. (227, 228, 229)

Required of all senior Instrumental majors.

441E-442E-443E—G441E, G442E, G443E—**Choral Literature.** Two hours each.

A survey of accompanied and unaccompanied choral music from Gregorian chant to the present. Open to non-music majors with consent of instructor.

441F-442F-443F—G441F, G442F, G443F—**Symphonic Literature.** Two hours each.

The history and literature of the symphony orchestra from 1600 to the present. Open to non-music majors with consent of instructor.

441H-442H-443H—G441H, G442H, G443H—**Chamber Music.** Two hours each.

A survey of music for small instrumental ensembles with emphasis on the string literature. Open to non-music majors with consent of instructor.

461-G461—**Gregorian Chant.** Two hours. (215)

This course is designed to acquaint the student with the History and Development of Gregorian Chant with literature and recordings for demonstration purposes. Practical experience in conducting Gregorian Chant is offered also.

462-G462—**Hymnology.** Two hours. (216)

The complete history of the Christian Hymn from its root form to present day forms is presented. The complete development of Christian Hymn playing and presenting Hymns is studied.

463-G463—**Administration of Church Music.** Two hours. (217)

All of the practical aspects of Church Music are presented in this course such as: building a church library, organizing and directing the various choirs of the church, the volunteer choir system, directing from the console, etc.

471-472-473—G471, G472, G473—**Liturgies.** Two hours each. (218, 219, 220)

Liturgy in worship; the Jewish, Eastern Orthodox, and Roman Catholic liturgies and their music; liturgies of the Reformation period; music of the Lutheran, Calvinist, and Anglican churches; music of the non-liturgical churches.

481—**Psychological Foundations of Music.** Four hours. (251)

Survey and investigation of the acoustical and psychological aspects of music; development of experimental procedures and laboratory practice in methods of research to music therapy.

482—**Influence of Music on Behavior.** Four hours. (250)

Prerequisites: Music 381 and Physiology 229

A study of the physiological and psychological effects of music on behavior; this includes a survey of research and experimental studies.

483—**Music Therapy II: Problems & Procedures.** Four hours. (242)

Prerequisites: Music 381, 481, 482

Survey of current methods and techniques in the functional use of music in schools, institutions, and industry. Primary emphasis is on problems and procedures relating to the therapeutic use of music in special schools and neuropsychiatric hospitals.

491-492-493—**Functional Piano.** One hour each. (252, 253, 254)

A course designed to provide experience in sight-reading, transposition, and accompanying, using materials appropriate for recreational and functional music.

513A-513B-513C—**Introduction to Research.** Two hours each.

Prerequisites: Music 231, 232, 233

The study of research techniques and heuristics; bibliographical compilation; investigation of the standard reference literature; writing of research papers. The second two quarters investigate more thoroughly those areas of research of particular interest to students of musicology.

515—**Recital.** No credit.

Required for a major in applied music.

516—**Arrangement or Composition for Symphonic Band or Orchestra.** Six hours each.

Required for a theory composition major.

521-522-523—**Analytical Technic.** Two hours each.

A graduate course in the technic of harmonic and contrapuntal analysis.

524-525-526—**Pedagogy of Theory.** Two hours each.

A course in the teaching of theory for the graduate student.

561-562-563—**Seminar in Music Literature.** Two hours each.

Prerequisites: Music 231, 232, 233.

Study of the music of individual composers of special areas of music history or literature.

590-591-592—**Special Studies.** One-three hours each.

Investigation of specialized areas within the broad area of music, with emphasis on areas of individual student interest.

XII. The Curriculum in Music Education

The teaching of music in the public schools is now considered the work of a specialist of broad training. The importance of laying a thorough musical foundation in the grades is generally recognized and calls for great ability in the teacher of music. In high school, music is now accorded a place of importance, and the demand for teachers who can organize and direct choral, instrumental, theoretical, and appreciation courses is increasing from year to year.

The courses in public school music supervision are designed to give not only thorough and practical training in music pedagogy but also adequate pre-

paration in practical and theoretical music, psychology, education, and cultural subjects.

The degree of Bachelor of Music Education is offered upon completion of the four-year curriculum. There is an increasing demand for supervisors of music and junior and senior high school music teachers holding a bachelor's degree. This course offering a degree combining music and education is planned to meet the demand in music education.

MUSIC EDUCATION MAJOR

Piano or Voice Major

General Supervisor

(Leading to degree of Bachelor of Music Education)

Freshman

Music Theory 101, 102, 103	4	4	4
Survey of Music Literature 131, 132, 133	2	2	2
Major Applied Music (piano or voice)	2	2	2
Minor Applied Music (piano or voice)	1	1	1
English 101, 102, 103	4	4	4
History 101, 102, or 151, 152	4	4	
Math 100 or 101			4
Physical Education	0	0	0
Chorus 181C, 182C, 183C	0	0	0
	17	17	17

Sophomore

Music Theory 201, 202, 203	4	4	4
History of Music 231, 232, 233	2	2	2
Major Applied Music (piano or voice)	2	2	2
Minor Applied Music (piano or voice)	1	1	1
English Literature 201	4		
*Electives	4		
Psychology 201		4	
Biology 101, 102		4	4
Musical Acoustics 230			4
Physical Education	0	0	0
Chorus 281C, 282C, 283C	0	0	0
	17	17	17

*Boys in R.O.T.C. will be required to take History of Military Science.

Junior

Harmonic & Formal Analysis 301, 302, 303	2	2	2
Elementary Music Methods 311	2		
Intermediate Music Methods 312		2	
Junior High School Methods 313			2
String Methods 325	2		
Woodwind Methods 327		2	
Brass Methods 329			2
Conducting 331, 332, 333	1	1	1
Major Applied Music (piano or voice)	2	2	2
Health 179	4		
Social Studies Elective		4	
Physical Science Elective			4
Educational Psychology 319	4		
Psychology of Human Growth & Development 332		4	
Principles of Teaching in High School 313			4
Chorus 381C, 382C, 383C	0	0	0
	17	17	17

Senior

Orchestration 401, 402, 403	2	2	2
Senior High School Music Methods 421	2		
Senior H. S. Choral Methods & Literature 422A		2	
Curriculum Problems in Music Education 423A			2
String Methods 455	2		
Woodwinds Methods 457		2	
Brass Methods 459			2
Opera Workshop 441, 442	2	2	
Major Applied Music (piano or voice)	4	4	
Tests & Measurements 469	4		
Public Address 101		4	
Student Teaching			10
Chorus 481c, 482c, 483c	0	0	0
	16	16	16

MUSIC EDUCATION MAJOR

Instrumental Supervisor

(Leading to degree of Bachelor of Music Education)

Freshman

Music Theory 101, 102, 103	4	4	4
Survey of Music Literature 131, 132, 133	2	2	2
Major Instrument	1	1	1
Piano 101-1, 102-1, 103-1	1	1	1
English 101, 102, 103	4	4	4
History 101, 102 or 151, 152	4	4	
Math 100 or 101			4
Physical Education	0	0	0
Band or Orchestra 181B, 182B, 183B, or 181A, 182A, 183A	0	0	0
	16	16	16

Sophomore

Music Theory 201, 202, 203	4	4	4
History of Music 231, 232, 233	2	2	2
Major Instrument	1	1	1
Piano 201-1, 202-1, 203-1	1	1	1
English Literature 201	4		
*Electives	4		
Psychology 201		4	
Biology 101, 102		4	4
Musical Acoustics 230			4
Physical Education	0	0	0
Band or Orchestra 281B, 282B, 283B, or 281A, 282A, 283A	0	0	0
	16	16	16

*Boys in R.O.T.C. will be required to take history of Military Science.

Junior

Harmonic & Formal Analysis 301, 302, 303	2	2	2
Elementary Music Methods 311	2		
Intermediate Music Methods 312		2	
Junior High School Methods 313			2
String Methods 325	2		
Woodwind Methods 327		2	
Brass Methods 329			2
Conducting 331, 332, 333	1	1	1
Major Instrument	2	2	2

*Minor Instrument	1	1	1
Health 179	4		
Social Studies (elective)		4	
Physical Science (elective)			4
Educational Psychology 319	4		
Psy. of Human Growth & Development 332		4	
Principles of Teaching in High School 313			4
Band or Orchestra 381B, 382B, 383B, or 381A, 382A, 383A	0	0	0
	18	18	18

Senior

Orchestration 401, 402, 403	2	2	2
Senior High Methods 421	2		
Senior High Instrumental Methods 422B		2	
Organization & Administration of School Orch. & Bands 423B			2
Adv. String Methods 425	2		
Adv. Woodwind Methods 427		2	
Percussion Methods 429			2
Voice Class 301, 302, 303	2	2	2
Major Instrument	3	3	
Minor Instrument	2	2	
Student Teaching 481			10
Tests & Measurements 469	4		
Public Address 101		4	
Band or Orchestra 481B, 482B, 483B, or 481A, 482A, 483A	0	0	0
	17	17	18

*Instrumental education majors are required to study an instrument from one major and two minor areas selected from the following: sttrings, woodwinds, brass, and percussion. Percussion students will have strings and either woodwinds or brass as their two minor areas.

MUSIC EDUCATION

301-302-303—**Voice Class.** Two hours each. (28x1, 29x1, 30x1)

A course designed to give a general knowledge of the principles of good singing. Individual and group participation. Primarily for instrumental and piano majors, but open to non-music majors with consent of instructor.

311—**Elementary Music Methods.** Two hours. (70)

A combined study of the child and his music for the first nine years of his life, with stress upon how both are related through the activities approach to music education in the primary grades.

312—**Intermediate Music Methods.** Two hours. (71)

The beginnings of conscious technics, both vocal and instrumental by means of varied related creative activities of an energetic as well as a passive nature.

313—**Junior High School Methods.** Two hours. (72)

Materials and methods appropriate for the seventh, eighth, and ninth grades; continuation of part-singing; the adolescent voice; choral and instrumental activities; general music classes; materials suitable for junior high school students.

325—**Strings Methods.** Two hours. (191)

Practical class instruction on the violin, viola, violoncello, and string bass; correct playing position for each instrument; problems of beginning string students; materials for public school classes.

327—**Woodwinds Methods.** Two hours. (192)

Practical class instruction on the clarinet, flute, oboe, and bassoon; embouchure and fingering problems; making and adjusting double reeds; materials appropriate for use in public schools.

329—**Brass Methods.** Two hours. (193)

Class instruction of a practical nature on trumpet, mellophone, French

horn, baritone, trombone, and tuba; problems of beginning brass students; examination of materials suitable for public school use.

331-332-333—**Conducting.** One hour each. (126, 127, 128)

Prerequisite: 201, 202, 203.

Techniques of choral and instrumental conducting.

341-342-343—**Opera Workshop.** Two hours each. (188, 189, 190)

Basic experience and actual participation in operas; acting; and production of works for the musical stage; actual operatic presentations. Required of all junior voice majors.

361—**Fundamentals of Music.** Four hours. (95)

May not be applied toward a Bachelor of Music or Bachelor of Music Education degree. A course designed to give students without previous musical experience a basic knowledge of the fundamentals of music; principles of notation, construction of major and minor scales, intervals, solmization, tendency tones, and triads.

362—**Music for Elementary School Children.** Four hours. (96)

Prerequisite: 361

May not be applied toward a Bachelor of Music or Bachelor of Music Education degree.

365—**The Enjoyment of Music.** Four hours. (97)

Prerequisite: None

401-402-403—**Diction.** One hour each. (176, 177, 178)

Prerequisite: Junior Voice.

The correct use and pronunciation of English, French and German as applied to vocal literature, with special stress on Italian.

421—**Senior High Methods.** Two hours. (120)

Prerequisites: 311, 312, 313.

Organization and administration of music in the high school; music in the assembly, visual aids, elective music classes, concerts and festivals, tests and measurements; development of public school music in the United States; current philosophies of music education.

422A—**Senior High Methods; Choral.** Two hours. (121A)

Prerequisite: 421

Organization and administration of choral activities, voice class, small ensembles, boys' glee club, girls' gleee club, chorus, public performances, and rehearsal techniques; materials for high school use.

422B—**Senior High Methods: Instrumental.** Two hours. (121B)

Prerequisite: 421

The instrumental director and problems; rehearsal techniques, instrumental ensembles; problems of the string, woodwind, brass, and percussion groups: program building; minor instrument repairs; critical evaluation of materials.

423A-G423A—**Curriculum Problems in Music Education.** Two hours. 122A)

Prerequisite: 422A

Intensive research into and discussion concerning current values and trends in music education in America.

423B-G423B—**Organization & Administration of School Orchestra and Bands.** Two hours. (122B)

Prerequisite: (422B)

Techniques of promoting and maintaining successful orchestra, bands, and instrumental ensembles; research by students; emphasis on problems of marching bands and pageantry.

425-G425—**Advanced Strings Methods.** Two hours each. (194)

427-G427—**Advanced Woodwinds Methods.** Two hours each. (195)

429-G429—**Percussion Methods.** Two hours each. (196)

431A-432A-433A—G431A, G432A, G433A—**Advanced Choral Conducting.** Two hours each. (209, 210, 211)

Prerequisites: 331, 332, 333 & two years of voice.

Conducting and interpretation of representative works of the great choral schools and composers since the sixteenth century; opportunities for the formation of judgment of choral music. Church chorus and sacred music studied in fall quarter.

431B-432B-433B—G431B, G432B, G433B—**Advanced Instrumental Conducting.** Two hours each. (230, 231, 232)

441-442-443—G441, G442, G443—**Opera Workshop.** Two hours each. (238, 239, 240)

A continuation of Music 341, 342, 343. Required of all senior voice majors.

451A-452A-453A—**Vocal Pedagogy.** Two hours each. (179, 180, 181)

Comparison of pedagogical concepts; study of vocal production problems and anatomy of the vocal tract. Practice teaching under supervision.

451B-452B-453B—**Piano Pdagogy.** Two hours each. (182, 183, 184)

Modern methods of teaching; lectures, observation of private and class lessons, and practice teaching under supervision; teaching piano to adults; practice teaching throughout the senior year under supervision.

451C-452C-453C——**Organ Pedagogy.** Two hours each.

Required of all senior organ majors.

451D-452D-453D—**String Pedagogy.** Two hours each. (185, 186, 187)

Required of all senior string majors.

451E-452E-453E—**Wind Pedagogy.** Two hours each.

Required of all senior wind majors.

455—**Strings Class.** Two hours each. (170, 170A)

Practical string class instruction on the violin, viola, violoncello, and double bass; correct playing position for each instrument; materials for public school purposes.

457—**Woodwinds Class.** Two hours each. (171-171A)

Woodwind class instruction of a practical nature on the clarinet, flute, oboe, and bassoon; embouchure and fingering problems of each instrument; materials for public school use.

459—**Brass Class.** Two hours each. (172-172A)

Practical class instruction to general supervisory students on trumpet, mellophone, French horn, baritone, trombone, and tuba; critical examination of materials appropriate for use in public schools.

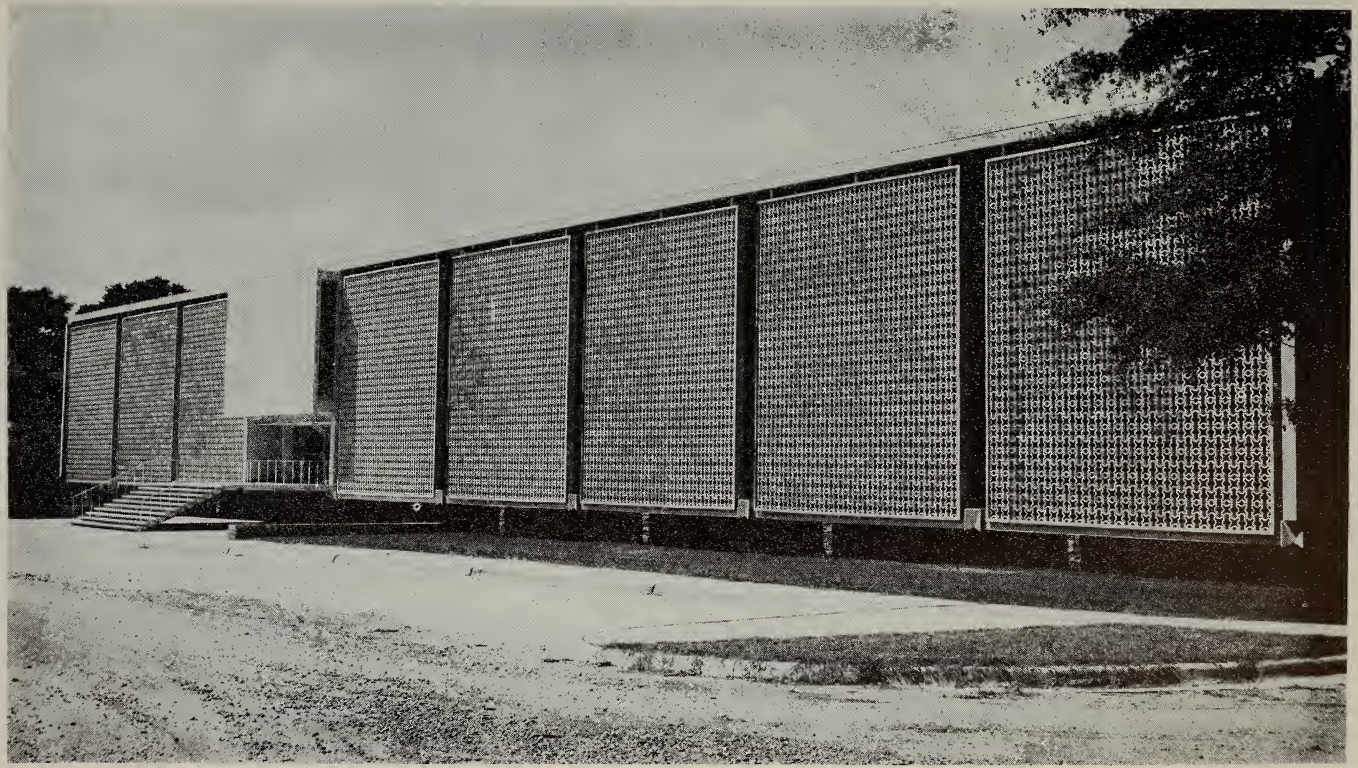
530-531—**The Psychology of Music.** Two hours each.

A course designed particularly for the teacher or prospective teacher of music. Review of fundamental concepts from the science of psychology. Special study in the areas of auditory perception, motivation, and personality leading to an understanding of individual differences in musical capacities and concomitant applications in teaching.

533-534—**Seminar in Music Education.** Two hours each.

Required of all students who are pursuing the master's degree in music education. Open by permission to other graduate students interested in teaching music in a university, college, conservatory, or public school.

Current philosophies of education and their application to music in the curriculum; individually chosen problems of special interest to students.



The Joe Cook Memorial Library Building

THE GRADUATE SCHOOL

(A Graduate Bulletin is available on request)

The graduate program at Mississippi Southern College is based upon firm foundations and ideals of academic excellence, scholarship, and research. These ideals are carried forward by a well-trained and carefully selected graduate faculty utilizing effectively the physical facilities of the college.

In the field of education, Mississippi Southern College takes seriously its responsibility for preparing teachers, supervisors, and administrators for all branches of public school service. In the School of Education the masters degree is available in the following fields: school administration and supervision, secondary education, elementary education, communications, psychology of reading, administrative personnel and counseling, health and physical education, home economics education, industrial arts, music education, business education, and speech education. In addition, a year of work beyond the masters degree is available in the following fields of study: school administration and supervision, secondary education, and elementary education. This work is designed to meet the needs of those who wish a terminal degree beyond the masters degree and, also, for those who expect to pursue work toward a doctorate.

The masters degree is also offered in several subject-matter fields. In the School of Arts and Sciences, these include the biological sciences, the physical sciences, mathematics, the social sciences, English, and speech. In the School of Commerce and Business Administration, the masters degree is offered in business administration and economics. In addition, subject-matter masters degrees are offered in the Division of Fine Arts with a major in music and in the Division of Home Economics (major in home economics).

Mississippi Southern College offers the doctor of education and doctor of philosophy degrees in the School of Education. The course emphasis may be in one of the following areas: school administration, secondary education, elementary education, psychology, guidance and counseling, educational psychology, and health and physical education. The details of the doctoral program are listed in the Graduate School catalog. Students interested in graduate work should write for a graduate bulletin.

Blanks for application for admission to the Graduate School are available in the office of the Director of Admissions.

ADMISSION TO THE GRADUATE SCHOOL

To be admitted to the Graduate School the applicant must (1) hold a baccalaureate degree from a college or university regarded as standard by the appropriate regional or general accrediting agency: (2) be in good standing in the institution of higher learning last attended: (3) show promise as judged by his previous record of ability to pursue satisfactorily advanced study and research (this implies a generally superior overall undergraduate record and an average grade of **B** or better in undergraduate courses in the field of proposed graduate study); and (4) have adequate preparation to enter graduate study in the field chosen for concentration (usually the equivalent of an undergraduate minor). In unusual cases, provisional admission may be granted applicants who do not meet all the formal requirements. Such students may remove this provisional status by satisfactorily completing prerequisites or additional assigned work, and after demonstrating in graduate courses taken in one or more quarters of residence in the Graduate School, that they are qualified to do advanced work.

Applications for admission to the Graduate School, accompanied by full credentials in the form of transcripts of academic records, must be filed in the office of the Director of Admissions at least two weeks in advance of the quarter in which admission is sought.

FELLOWSHIPS

A number of fellowships are available in almost every department offering graduate work. Application for these fellowships should be made with the Dean of the College and Graduate School before March 15 of each year. Further information about fellowships can be acquired by writing the Dean of the College and Graduate School.

Graduate student in Child Development with the nursery school children in the Division of Home Economics

DIVISION OF HOME ECONOMICS

Bertha M. Fritzsche, Chairman
Barnett, Chichester, Drain, Gayle, Golden
Hesson, Owings, Thompson

PURPOSE

The curricula and courses in the Division of Home Economics are planned to place emphasis on improving family life by educating the student for family living and for participation in the professional fields related to the various aspects of living concerned with the enrichment of the individual, the family, and community.

ORGANIZATION

The Division of Home Economics is organized into six departments: Child Development, Clothing and Textiles, Food and Nutrition, Home-Economics Education, Housing and Home Management, and Marriage and Family Life. Majors are offered in child development, clothing merchandising, clothing and textiles, food and nutrition, institution management, teaching homemaking, home-economics extension service, home economics in equipment, and homemaking. A two-year schedule which leads to a certificate is offered for school-lunch managers.

CURRICULUM—BASIC COLLEGE CORE

The core curriculum for the Bachelor of Science degree as outlined below is to be followed by the student who pursues any major in the Division of Home Economics with one exception, this exception being a major in homemaking for which the Bachelor of Arts degree is earned. See page 246 under the catalog description for the Department of Marriage and Family Life.

Course	Hours
English 101, 102, 103—English Composition	12
English 201—Literature	4
Speech 101—Oral Communication	4
Sociology 103—Introduction to Sociology	4
Economics 200—Introduction to Economics	4
History 101 and 102—World Civilization	
or	
History 151 and 152—American History	8
Laboratory Science	12
Chemistry 121, 122, 123—Inorganic Chemistry	
For majors in Home Economics Education, Institution Management, Clothing and Textiles, Food and Nutrition	
or	
Biology 101, 102, 339*—Biology I, Biology II, Bacteriology	
For majors in Home Economics in Equipment, Child Development, Clothing Merchandising, Homemaking	
Science	4
Biology 101 for those who are required to take 12 quarter hours of Chemistry	
Physics 307* for majors in Home Economics in Equipment	
Majors in Child Development and Homemaking may take any course in science or substitute 4 quarter hours in mathematics	
Mathematics	4
Mathematics 101	
For students taking Chemistry as a Laboratory Science	
Physical Education (six quarter hours)	Non-Credit
Total in Basic College Core	56

*To be taken during the Junior or Senior year.

HOME ECONOMICS Core for Freshman-Sophomore Level

In addition to the Basic College Core, the student selecting a major in the Division of Home Economics should take the following courses before the junior year:

Course	Hours
*Home Economics Education 122—Introduction to Home Economics	2
Food and Nutrition 137—Food Study	4
Food and Nutrition 285—Meal Planning and Table Service	4
Clothing and Textiles **126—Selection of Clothing and Textiles (or Clothing and Textiles 250—Textiles and Clothing)	4
Child Development *139—The Individual and The Family	4
Art 111—Beginning Design	4
Psychology 201—General Psychology	4
Total in Core for Freshman-Sophomore Level	26

*Not required of transfer students.

**Students who pass the placement test in Clothing and Textiles 126 may substitute Clothing and Textiles 250. Clothing and Textiles 250 is required of all majors in Clothing and Textiles, and in Clothing Merchandizing.

SCHEDULE for CURRICULUM

Leading to a Bachelor of Science Degree

Freshman Year

Course	Hours
Home Economics Education 122—Introduction to Home Economics	2
Food and Nutrition 137—Food Study	4
English 101, 102, 103—English Composition	12
History 101—World Civilization to 1648 A.D.	4
History 102—World Civilization From 1648 A.D.	4
or	
History 151—American History to 1877	
History 152—American History Since 1877	
Clothing and Textiles 126—Selection of Clothing and Textiles	4
or	
Clothing and Textiles 250—Textiles and Clothing	
Mathematics 101—College Algebra I	4
or	
Mathematics 100—Basic Arithmetic	
Biology 101—General Biology	4
Art 111—Beginning Design	4
Child Development 139—The Individual and The Family	4
Elective	2
Physical Education—one course to be taken each quarter	Non-Credit
	48

Sophomore Year

Course	Hours
English—Literature	4
Sociology 103—Introduction to Sociology	4
Economics 200—Introduction to Economics	4
Psychology 201—General Psychology	4
Speech 101—Oral Communication	4
Food and Nutrition 285—Meal Planning and Table Service	4
	231

Chemistry 121, 122, 123—General Chemistry or Biology 102—General Biology	4 or 12
Health 179—Personal Health	0 or 4
Required for majors in Home Economics Education Requirements for Minor	20 or 8
or electives Physical Education—one course to be taken each quarter	Non-Credit
	48 or 48

CURRICULUM—HOME ECONOMICS Core for Junior-Senior Level

All students in the junior and senior years regardless of the major selected in the Division of Home Economics are expected to take, in addition to the core plan for freshman and sophomore years, a common core of courses.

Course	Hours
*Food and Nutrition 335—Nutrition	4
Marriage and Family Living 351—Marriage and The Family This may be taken as Health 351	4
**Child Development 338—Child Development	4
Clothing and Textiles 304—Art Related to the Home and Dress	4
Housing and Home Management 496—Economics of the Home	4
Housing and Home Management 497—Home Management Residence	6
Health 433 or 334	2
Total in Core for Junior-Senior Level	28

*For Majors in Child Development, substitute F. & N. 336.

**For Majors in Clothing and Textiles, Clothing Merchandising, Home Economics in Equipment, and Institution Management, Child Development 139 may be substituted.

CURRICULUM—MAJOR REQUIREMENTS

The majors are outlined under the departments in which they are located.

OFFERINGS FOR NON-MAJORS

Students may earn a minor in home economics by selecting twenty-eight hours of work from the following courses: Child Development 139, and 338; Clothing and Textiles 123, 126, 250, and 304; Foods and Nutrition 137, 285, 323, and 335; The House and Home Management 305; Marriage and Family Life 151 and 351. **The same courses may be selected for electives.** The only prerequisite to these courses for non-majors is the necessary academic standing; courses with junior or senior numbers may not be taken by freshmen and sophomores. Non-majors who wish to substitute other courses for those named above, may do so if they have had the necessary prerequisites to the courses.

A student may minor in any area in which he can major. The twenty-eight hours of courses for a minor in a specialized area as Institution Management should be approved by the chairman of The Division of Home Economics.

DEPARTMENT OF CHILD DEVELOPMENT

The child development curriculum is designed to interest majors with special abilities and interests in young children. It provides opportunities to observe and work with nursery school children. Specialization in this area prepares a student for nursery school teaching and administration and for leadership in educational programs of children's institutions. Those who wish to

begin study for positions in such areas as child welfare, college nursery schools, or private nursery schools should follow the curriculum in Child Development.

NURSERY SCHOOL

The College Nursery School was established as a unit within the Division of Home Economics to provide a laboratory in which college students might observe the development and relationships of a group of normal, healthy young children and participate in directing the various nursery school activities. The school accommodates children between the ages of two and a half and five years. It operates on a full schedule (nine o'clock in the morning to three o'clock in the afternoon) five days per week.

The daily program is planned to create an environment rich in possibilities for developing the child's mental, physical and social self as well as attaining a greater degree of emotional maturity. The enrollment is made up of an equal number of boys and girls in the various age groups from town, faculty and student families.

The Nursery School, which was the first to be established in Mississippi, is located on the first floor of the Home Economics Building. The Nursery School has ample space indoors and a large porch and fenced-in play area outdoors. In both space and equipment it meets high standards. The climate permits outdoor play the year round. Requests for registration must be filed with the director of the Nursery School well in advance of the time the child is to be enrolled. The children are not selected from any particular group, but any child may qualify who meets the age and developmental requirements.

Course		Hours
Basic College Core—See page 53		56
Major Requirements		72
Freshman and Sophomore Home Economics Core	26	
Junior and Senior Home Economics Core	28	
Health 433—First Aid is required		
Other Requirements in Home Economics	18	
Child Development 482—The Child's Play Environment	4	
Child Development 484—Supervised Participation	6	
Child Development 486—Creative Materials and Activities for the Preschool Child	4	
Child Development 420—Advanced Child Development	4	
Other Requirements	6	6
Psychology 316—Human Growth and Development	4	
Health 334—Home Nursing	2	
Minor Requirements	28	28
Electives	30	30
Total		192

CHILD DEVELOPMENT COURSES

CD139—**The Individual and the Family.** Four hours. (39)

Three one-hour recitations and four hours of laboratory.

Not required of junior transfer students.

A functional course dealing with the college student's immediate concerns regarding his family life. Special attention will be given to the development of the individual in seeing himself objectively. Experiences in the nursery

school will contribute to a greater awareness of behavioral differences among individuals.

CD 90 or 390—**Preschool Teacher's Workshop I, II, III.** One and one-half hours. (130)

For day-care operators, nursery school teachers and educational leaders in preschool centers dealing with:

a. Administration of Preschool Centers.

Good principles of administration in group programs of young children.

b. Curriculum Planning.

Improving programs through better administrative procedures. Good group experiences for preschool child.

c. Personality of the Preschool Child.

Understanding children's behavior—or guiding personality development.

d. Creative Activities.

Emphasis on art for young children.

e. Literature and Language.

Appropriate literature for the preschool child and use of bulletin boards, flannel graphs, puppets and other resources.

CD338—**Child Development.** Four hours. (138)

Three one-hour recitations and five hours of observation and participation in the Nursery School weekly.

Designed to create interest in preschool children and to develop an understanding of the development and behavior patterns of preschool children. Problems involved in guiding children toward happy, successful adulthood.

CD420 or G420—**Advanced Child Development.** Four hours. (220)

CD482—**The Child's Play Environment.** Four hours. (182)

Two one-hour recitations weekly, plus six hours of participation in the nursery school.

A course for students interested in further study of preschool children and in developing teaching techniques. Sharing responsibilities in the daily activities of the nursery school will be assumed.

A study of the role of play in the development of young children, with emphasis upon selection, care, and use of equipment. Opportunities provided to evaluate materials in use, to plan play activities for children, and to construct toys.

CD484—**Supervised Participation.** Six hours. (184)

Prerequisite: Child Development 420.

Directed participation as an assistant in the Nursery School for one quarter.

A study of creative activities for children of the preschool years, including literature, art, music, nature study, and others. Practical experiences with these in the Nursery School.

CD592—**Special Problems in Child Development.** Two to six hours. 674C)

CD594—**Seminar in Child Development.** Two to six hours. (608)

CD596—**Research in Child Development.** Two to six hours.

CD598—**Thesis Writing.** Two to six hours. (514B)

DEPARTMENT OF CLOTHING AND TEXTILES

This area offers opportunities to the future homemaker for the selection and care of clothing and household fabrics for the family, and basic principles of clothing construction. Two curricula are offered in the Department of Clothing and Textiles: the curricula, Clothing and Textiles, and Clothing Merchandising.

The curriculum for the major, clothing and textiles, is appropriate for a person wishing to begin preparation for a position as a designer of clothing or textiles, or as an editorial writer for women's pages of newspapers or magazines. It may serve as a basis for graduate study in clothing and textiles which might lead to college teaching or research. Suggested minor areas appropriate for this major include art, chemistry, journalism, radio and television, and economics.

The major in clohting merchandising makes advancement more readily available to those seeking positions as buyers for apparel specialty stores or apparel departments in department stores. Also, it leads to the management of one's own small store or to the management of ladies apparel chain stores. Those who wish to begin study for positions as buyers for apparel specialty stores or departments should follow the curriculum in Clothing Merchandising.

TEXTILES AND CLOTHING

			Hours
Basic College Core—See Page 53			56 or 56
Major Requirements			76 or 78
Freshman and Sophomore Home Economics Core		26	
Junior and Senior Home Economics Core		28	
Other Requirements in Home Economics	22 or 24		
Clothing and Textiles 456 or 457—Textile Economics or Fashion Fundamentals	2 or 4		
Clothing and Textiles 312—Textiles	4		
Clothing and Textiles 313—Garment Selection and Wardrobe Planning	4		
Clothing and Textiles 425—Advanced Clothing and Consumer Problems	4		
Clothing and Textiles 350 or 458—Family Clothing and Textiles or Advanced Tailoring	4		
Housing and Home Management 305—Housing and House Furnishings	4		
Minor Requirements			28 or 28
Electives			32 or 30
Total			192 or 192

CLOTHING MERCHANDISING

Basic College Core—See page 53			56
Major Requirements			70
Freshman and Sophomore Home Economics Core		26	
Junior and Senior Home Economics Core		28	
Other Requirements in Home Economics		16	
Housing and Home Management 305—Housing and House Furnishing	4		
Clothing and Textiles 425—Advanced Clothing and Consumer Problems	4		
Clothing and Textiles 350—Family Clothing and Textiles	4		
Clothing and Textiles 312—Textiles	4		
Other Requirements			8
Art 107—Introductory Art	4		
Psychology 202—Applied Psychology	4		
Minor in Marketing			32
Business Administration 100—Introduction to Business	4		
Marketing 300—Principles of Marketing	4		
Marketing 330—Salesmanship	4		

Marketing 332—Principles of Retailing	4
Marketing 461-462—Retail Management Training I and II	12
Marketing 355—Principles of Advertising	4
Electives	26
Total	192

CLOTHING AND TEXTILES COURSES

C&T123—Clothing Selection and Personal Appearance. Four hours. (23)

The selection of costume for becomingness to the individual, and the care of clothing with emphasis on the relationship to personal appearance.

C&T126—Selection of Clothing and Textiles. Four hours. (26)

Two 1-hour periods and two 2-hour laboratory periods per week.

Study of textiles most commonly used; selection of materials and ready-made clothing; selection and use of commercial patterns; planning and construction of garments of cotton, rayon or linen; use and care of sewing equipment; care of garments; appropriate accessories.

C&T250—Textiles and Clothing. Four hours. (50)

Two 1-hour periods and two 2-hour laboratory periods weekly.

Prerequisite: Clothing and Textiles 126 or equivalent.

Study of characteristics and identification of fibers; uses and cost of material; consideration of wool and wool substitutes; fitting, construction, remodeling and mending problems.

C&T304—Art Related to the Home and Dress. Four hours. (104)

Three 1-hour periods and one 2-hour period per week.

Prerequisite: Art 111.

A course designed to develop an understanding of applied principles of design in clothing, clothing accessories, exterior and interior of houses. Opportunity furnished for practical solution of personal and home design problems.

C&T312 or G312—Textiles. Four hours. (112)

A practical consumer study of textiles; the fibers, structure, design, finish, and quality of fabrics for clothing and house furnishings including selection, use, and care.

C&T313—Garment Selection and Wardrobe Planning. Four hours. (113)

Three one-hour periods and one one-hour laboratory period weekly.

Selection of ready-to-wear garments on basis of cost, aesthetic value, and serviceability.

C&T350—Family Clothing and Textiles. Four hours. (150)

Two 1-hour classes and two 2-hour laboratory periods weekly.

Prerequisite: Clothing and Textiles 126 or 250, and 304 or equivalent.

Planning the wardrobe within different income levels; renovating, remodeling old garments and construction of new garments for the family; designing and construction of a child's self-help garment; economic problems in meeting family clothing needs.

C&T425—Advanced Clothing and Consumer Problems. Four hours. (125)

Two 1-hour classes and two 2-hour laboratory periods weekly.

Prerequisite: Clothing and Textiles 126 or 250, and 304 or equivalent.

Developments in the clothing field; new textile fibers and fabrics; new manufacturing processes; advanced work involving designing, construction, fitting, tailoring, procedures essential to independent work.

C&T456 or G456—Textile Economics. Two hours. (156)

A study of problems which affect the consumer in the production, dis-

tribution, and consumption of textiles and clothing. Survey of recent developments in the textile and clothing field.

C&T457—**Fashion Fundamentals.** Four hours. (157)

Fashion as a social force and the factors that affect and influence it. A study of the workings of the fashion world, including designers, leading markets, and fashion cycles.

C&T458—**Advanced Tailoring.** Four hours. (158)

Two one-hour periods and two two-hour laboratory periods weekly.

Prerequisite: Textiles and Clothing 425.

Detailed study of selection, fitting, and construction of tailored wool garments.

C&T463—**Textile Research.** Two hours. (163)

Prerequisite: Permission of the instructor.

A special problems course designed to meet the individual needs of students.

C&T590—**Bishop Method of Clothing Construction.** One and one-half hours. (660)

Workshop in clothing construction in which student is taught the newest development in teaching clothing construction, the unit method introduced by Mrs. Edna Bryte Bishop.

C&T591—**Institute on the Bishop Method Applied to Tailoring.** One and one-half hours.. (661)

Prerequisite: Home Economics 560.

C&T592—**Institute on the Bishop Method Applied to Tailoring and the Cutting-to-Fit Course.** Two hours. (662)

Prerequisite: Home Economics 590.

C&T570—**Textiles: Recent Developments.** Two hours. (670)

C&T592—**Special Problems in Clothing.** Two to six hours. (674A)

DEPARTMENTS OF FOODS AND NUTRITION

This area includes courses designed for all students, especially those interested in securing information concerning the foods that will provide an adequate diet. Some of the basic courses are for non-majors as well as all home economics majors.

The major, Institution Management, is designed for persons wishing to prepare for position in quantity food service. It prepares students as school lunch managers, community nutritionists, food service directors, or for dietetic or school lunch internships.

The major, food and nutrition, is planned for those students who wish to prepare for work in Food and Nutrition Research or Food and Nutrition Journalism. It is also beneficial for those desiring positions as School Lunchroom Managers. It may lead to advanced study for those desiring positions as Health Nutritionists or School Lunch Supervisors.

For those going into research, a minor in chemistry is advised and for those desiring to go into journalism a minor in journalism is recommended.

INSTITUTION MANAGEMENT

Chemistry or Health: Minor

Basic College Core		56
Major Requirements		82
Freshman and Sophomore Home Economics Core	26	
Junior and Senior Home Economics Core	28	

Other Requirements in Home Economics		28	
Food and Nutrition 442—Experimental Foods	4		
Food and Nutrition 444—The School Lunch	4		
Food and Nutrition 476—Diet in Disease	4		
Food and Nutrition 478—Advanced Nutrition	4		
Food and Nutrition 492—Quantity Cookery	6		
Food and Nutrition 494—Institution Management	6		
Other Requirements to help meet American Dietetic Association Requirements and the Minor			28
Psychology 319—Educational Psychology	4		
Chemistry 251—Organic Chemistry	4		
Chemistry 252—Food Chemistry	4		
Chemistry 253—Physiological Chemistry	4		
Biology 229—Physiology	4		
Accounting 201—Principles of Accounting	4		
Biology 339—General Bacteriology	4		
Electives and Other Requirements for Minor			26
Total			192

FOOD AND NUTRITION

Basic College Core			56
Majojr Requirements			68
Freshman and Sophomore Home Economics Core		26	
Junior and Senior Home Economics Core		28	
Other Requirements in Home Economics		14	
Food and Nutrition 442—Experimental Foods	4		
Food and Nutrition 476—Diet in Disease	4		
Food and Nutrition 478—Advanced Nutrition	4		
Food and Nutrition 294—Food Problems	2		
Other Requirements			12
Chemistry 251—Organic Chemistry	4		
Chemistry 252—Food Chemistry	4		
Biology 339—Bacteriology	4		
Minor Requirements			28
Electives			28
Total			192

Two-Year Certificate Course

A two-year schedule of courses which leads to a certificate is planned for school-lunch managers. The program includes general education courses as well as those designed to add to the special preparation of the individual as a school-lunch manager.

Curriculum for Two-Year Certificate Course for School-Lunch Managers

General Education Courses	Hours
English 101, 102, 103—English Composition	12
Mathematics 100—Basic Mathematics	4
History (any course)	4
Psychology 201—General Psychology	4
Biology 101	4
Health 179—Personal Hygiene	4

Art (any course)	4
Health 433, 334—First Aid, Home Nursing	4
Economics 200—Introduction to Economics	4
Clothing and Textiles 123—Clothing Selection and Personal Appearance	4
Child Development and the Family 139—The Individual and The Family	4
English—Literature	4
Food and Nutrition Courses	
Food and Nutrition 137—Food Study	4
Food and Nutrition 285—Meal Planning and Table Service	4
Food and Nutrition 178—Nutrition and Diet Therapy	4
Food and Nutrition 262—Problems in Managing a School Cafeteria	4
Food and Nutrition 263—Menu Planning, Food Preparation, and Serving for The School Cafeteria	4
Food and Nutrition 264—Sanitation for The School Cafeteria	4
Electives	16
Total	96

FOOD AND NUTRITION

F&N137—**Food Study.** Four hours. (37)

Two 1-hour theory and two 2-hour laboratory periods weekly.

Study of the body's need for food. Application of principles in planning, preparing and serving simple meals.

F&N56-156—**School Lunchroom Conference: Purchasing.** One and one-half hours. (56)

Thirty-six hours of class and laboratory work.

Involves study of available stocks; receiving and storing practices; emphasis on inventories, storage room, and food purchasing.

F&N57-157—**School Lunchroom Conference: Planning Better School Lunches.** One and one-half hours. (57)

Thirty-six hours of class and laboratory work.

Emphasis on planning and serving nutritious quantity meals at minimum cost.

F&N58-158—**School Lunchroom Conference: Food Cost Control.** One and one-half hours. (58)

Emphasis on budget break-down, records, inventories, and meal cost for school lunch.

F&N59-159—**School Lunchroom Conference: Personal Management.** One and one-half hours. (59)

Thirty-six hours of class and laboratory work.

Emphasis on problems of personnel for school lunch.

F&N65-165—**School Lunchroom Conference: Quantity Food Preparation.** One and one-half hours. (65)

Preparation of appetizing, nutritious, and attractive meals for the school child.

F&N66-166—**School Lunchroom Conference: School Cafeteria Equipment.** One and one-half hours. (66)

A course designed to teach managers how to conserve time and energy through efficient arrangement, use, and care of equipment.

F&N67-167—**School Luncheon Conference: New Developments in the School Lunch Program.** One and one-half hours. (67)

Recent research and findings in phases related to the school cafeteria; special problems of the manager.

F&N68-168—**School Lunchroom Conference: Nutrition and the School Child.** One and one-half hours. (68)

F&N69-169—**School Lunchroom Conference: Organization and Management of Food Services.** One and one-half hours. (69)

Designed to give experiences in executive leadership, planning, organizing and controlling the activities of the organization.

F&N70-170—**School Lunchroom Conference: Food Storage.** One and one-half hours. (70)

Designed to give understanding of how to prevent the loss of food. Emphasis placed on proper temperature, ventilation, and systematic food storage.

F&N71-171—**Methods and Materials in School Lunch.** One and one-half hours.

A professional specialized course in techniques and methods necessary for training school lunch personnel and to develop leadership in supervisory personnel.

F&N72-172—**School Lunch Conference: Work Simplification.** One and one-half hours.

Principle of motion economy as related to use of human body in work places; application of work simplification procedure to school cafeteria problems.

F&N178—**Foods and Nutrition.** Four hours. (78)

Two one-hour theory and two two-hour laboratory periods weekly.

Practical knowledge of nutrition and its relation to health. Application of principles in food preparation.

F&N262—**Problems in Managing a School Cafeteria.** Four hours. (62)

One theory and three laboratory periods weekly.

Prerequisitions: Food and Nutrition 137 and 285.

Study on menu planning, food cost control, institution buying of food and equipment, personnel management, and records.

F&N263—**Menu Planning, Food Preparation and Serving for the School Cafeteria.** Four hours. (63)

Two theory and two laboratory periods weekly.

Emphasis on actual experience in planning, preparing, and serving nutritious meals for institutions.

F&N264—**Sanitation for the School Cafeteria.** Four hours. (64)

Three theory and one laboratory period weekly.

Prerequisites: Health 179 and 433, and Foods and Nutrition 137.

Emphasis on all phases of sanitation in school lunchrooms.

F&N285—**Meal Planning and Table Service.** Four hours. (85)

Prerequisite: Foods and Nutrition 137.

Two one-hour theory and two two-hour laboratory periods weekly.

Continuation of Food Study 137. Emphasis on more advanced meal planning, preparation, and service; scientific principles of cookery stressed.

F&N323—**Elementary Course in Nutrition.** Two hours. (123)

Planned for non-home-economics majors. Nutritional needs of body and proper selection of foods emphasized.

F&N335—**Nutrition.....Four hours.** (135)

Prerequisite: Foods and Nutrition 285.

Intensive study of the body's need for foods, including the chemistry of digestion, care of digestive system, nutritive requirements of body during different stages of life.

F&N336—**Child Nutrition.** Four hours. (136)

A study of nutritive requirements of young children, with laboratory experiences in the Nursery School.

F&N346—**Teaching Food and Nutrition in the Elementary Grades.** Four hours. (146)

Course planned to give those preparing to teach in the elementary grades some understanding of materials and methods for teaching nutrition.

F&N394—**Food Problems.** Two hours. (94)

A study of individual problems in food preparation. Problems developed by students in conference with instructor.

F&N442 or G442—**Experimental Foods.** Four hours. (142)

Two 1-hour theory and two 2-hour laboratory periods weekly.

Prerequisite: Foods and Nutrition 285.

Elementary research to determine factors affecting standard products. Experimentation in preparation, ingredients, methods of cooking, temperature, and utensils used.

F&N444 or G444—**The School Lunch.** Four hours. (144)

One one-hour theory period and three two-hour laboratory periods weekly.

Designed to give experience in menu planning, records, food buying, and preparing and serving food on quantity level.

F&N476 or G476—**Diet in Disease.** Four hours. (176)

Prerequisite: Food and Nutrition 335.

Study of diseases influenced by diet, and dietary treatment of diseases.

F&N478 or G478—**Advanced Nutrition.** Four hours. (178)

Prerequisite: Food and Nutrition 335.

Study of current literature for new findings in field of nutrition.

F&N433—**Quantity Cookery.** Six hours. (192)

Two one-hour theory and two two-hour laboratory periods weekly.

Prerequisite: Foods and Nutrition 285.

Emphasis on actual food preparation and serving on quantity level.

F&N485—**Institution Management.** Six hours. (194)

Two one-hour theory and two two-hour laboratory periods weekly.

Prerequisite: Foods and Nutrition 483.

Study of institution buying of food, equipment; menu planning; table service; and record keeping.

F&N575—Community Health and Nutrition. Four hours. (675)

Insight and understanding in education of pupils to conditions and facilities of their community. A study of the physical, mental, social, economic, and spiritual requirements necessary for wholesome development.

F&N577—**The Nutrition of Children.** Four hours. (677)

The application of basic principles of nutrition in growth and development of children from birth through early childhood, school age, and adolescence, to maturity.

F&N578—**Quantity Food Preparation.** Four hours. (678)

Prerequisite: Approval of instructor.

One lecture and six hours of laboratory.

Application of basic principles of cookery to preparation of food in large quantities; standardization of formulas with reference to quantity, manipulation, and cost. Use of institution food service equipment.

F&N579—**School Lunch Supervision.** Four hours. (679)

A study of school lunch program, of organization and administration with experiences which will help the school lunch supervisor in supervising school lunch programs on the city, county, state and national level.

F&N580—**Institution Organization and Administration.** Four hours. (680)

Analysis of quantity food service operations as related to methods of con-

trol, selection and training of personnel, labor laws, employer-employee relationships so as to produce a system of order into a group of related activities and provide the means for their direction and development.

F&N592—**Special Problems in Nutrition.** Two to six hours may be earned.

F&N594—**Seminar in Food and Nutrition.** Two to six hours. (674D)

F&N596—**Research in Food and Nutrition.** Two to six hours.

F&N598—**Thesis Writing.** Two to six hours. (514B)

DEPARTMENT OF HOME ECONOMICS EDUCATION

The curricula in the Department of Home Economics Education aree planned for those who wish to be teachers of homemaking education in the schools or who wish to work in the home economics extension service. Those preparing for teaching should major in teaching homemaking education, and those for extension service in home economics extension service.

Students who complete the curriculum in teaching homemaking education will receive the vocational license to teach homemaking education in the secondary schools of the State of Mississippi.

TEACHING HOMEMAKING EDUCATION

			Hours
Basic College Core—See page 53			56
Major Requirements			70
Freshman and Sophomore Home Economics Core		26	
Junior and Senior Home Economics Core		28	
Other Requirements in Home Economics		16	
Housing and Home Management 305—Housing and House Furnishings	4		
Housing and Home Management 315—Household Equipment	4		
Clothing and Textiles 425—Advanced Clothing and Consumer Problems	4		
Clothing and Textiles 350—Family Clothing and Textiles	4		
Other Requirements			10
Health 179—Personal Hygiene	4		
Health 334—Home Nursing	2		
Biology 339—Bacteriology	4		
Requirements in Education and Psychology			37
Psychology 319—Educational Psychology	4		
Psychology 332—Human Growth and Development	4		
Education 313—Principles of Teaching in High School	4		
Education 462—Curriculum in Secondary Schools	2		
Home Economics Education 380—The Teaching of Home Economics Education	4		
Home Economics Education 481—Observation	5		
Home Economics Education 482—Directed Teaching	5		
Home Economics Education 489—Teaching Homemaking to Adults	5		
Education 469—Tests and Measurements	4		
Electives			19
Total			192

HOME ECONOMICS EXTENSION SERVICE

Basic College Core—See page 53			56
Major Requirements			70
Freshman and Sophomore Home Economics Core		26	
Junior and Senior Home Economics Core		28	
Health 433—First Aid is required			
Other Requirements in Home Economics		16	
Housing and Homemanagement 305—Housing and House Furnishing	4		
Housing and Home Management 315—Household Equipment	4		
Clothing and Textiles 350—Family Clothing and Textiles	4		
Clothing and Textiles 425—Advanced Clothing and Consumer Problems	4		
Other Requirements			10
Health 179—Personal Hygiene	4		
Biology 339—Bacteriology	4		
Health 334—Home Nursing	2		
Requirements in Home Economics Education			33
Psychology 319—Educational Psychology	4		
Psychology 332—Human Growth and Development-Adolescent	4		
Education 313—Principles of Teaching in High School	4		
Education 462—Curriculum of the Secondary School	2		
Home Economics Education 380—Teaching Homemaking	4		
Home Economics Education 485—Extension Education	5		
Home Economics Education 486—Extension Teaching and Observation	5		
Home Economics Education 489—Teaching Homemaking to Adults	5		
Electives			23
Journalism or Radio recommended	4		
Total			192

HOME-ECONOMICS-EDUCATION COURSES

HEE122—**Introduction to Home Economics.** Two hours. (22)

A course designed to show the value of home economics in personal and family living, as well as in vocational pursuits.

HEE380—**The Teaching of Homemaking Education.** Four hours. (180)

Prerequisite: Junior standing in home economics.

A study of the place of homemaking education in the total school program. Emphasis on organization of teaching plans and materials; opportunity for class and home experiences, and evaluation for the school homemaking education program.

HEE481-482—**Observation and Student Teaching (Participation in Teaching Homemaking Education).** Ten hours. (185A, 186A)

Prerequisite: Home Economics Education 380.

Observation of Homemaking in the elementary school program, and in the junior and high school homemaking classes. Student teaching in a few of the schools in which there is a strong homemaking education program.

HEE485—**Extension Education.** Five hours. (185B)

Opportunities provided to work with state extension specialists and with the district extension leader to become acquainted with special methods in extension work.

HEE486—**Extension Teaching and Observation.** Five hours. (186B)

Prerequisite: Home Economics Education 380.

Educational experiences in extension service program for a six-week period, or the equivalent, with a home agent. Supervision of work provided co-operatively with the college and Agricultural Extension Service.

HEE489—**Teaching Homemaking to Adults.** Five hours. (200)

Prerequisite: Home Economics Education 380.

A study of the adult homemaking program, with experiences which will help the student to participate effectively in the teaching of homemaking to adults.

HEE500—**Supervision of Home Economics.** Four hours. (600)

Designed for high school home economics teachers interested in the student-teacher program. Supervisory practices and procedures for promoting student-teacher growth and development.

HEE502—**Home Economics in American Education.** Four hours. (602)

A brief survey of home economics in American education, with a study of the trends and issues in curriculum development, instruction, guidance, supervision, administration, and research in this field.

HEE504—**Curriculum Problems in Home Economics.** Four hours. (604)

A course for teachers, dealing with problems in curriculum making and the place of homemaking education in the total school curriculum or specialized area.

HEE510—**Home Economics in Higher Education.** Four hours. (610)

A study of home economics at the junior college level, including problems in development of the curriculum in college instruction, in guidance of students, in administrative problems, and in evaluation of a department.

HEE514—**Teaching Homemaking to Adults.** Four hours. (614)

A study of the adult homemaking program with opportunity for experiences in effective participation.

HEE552—**Teaching Family Living on the Secondary Level.** Four hours. (652)

A study of the theory, content, and methods of marriage and family life education at the secondary level; designed to meet the needs of high school teachers and administrators.

HEE592—**Special Problems in Home-Economics Education.** Two to six hours. (612)

A course in which students choose, for investigation, research problems pertinent to their situations.

HEE594—**Seminar in Home Economics Education.** Two to six hours. (608)

Seminar problems may be taken for two, four, or six hours of credit.

HEE596—**Research in Home Economics Education.** Two to six hours.

HEE598—**Thesis writing.** Two to six hours. (514B)

DEPARTMENT OF HOUSING AND HOME MANAGEMENT

The increasing opportunities for home economists in business with utility companies and manufacturers equipment for the home have created many positions for those with the necessary educational background. The major, home economics in equipment, is designed for those preparing for such a career.

HOME ECONOMICS IN EQUIPMENT

	Hours
Basic College Core (See page 56)	56
Major Requirements	81
Freshman ad Sophomore Home Economics Core	26
Junior and Senior Home Economics Core	28
Other Requirements in Home Economics	27
Housing and Home Management 305—Housing and House Furnishings	4
Housing and Home Management 315—Household Equipment	4
Housing and Home Management 485—Home Economics in Equipment	5
Housing and Home Management 490—Field Work in Equipment	5
Home Economics Education 489—Teaching Homemaking to Adults	5
Clothing and Textiles 425—Advanced Clothing and Consumer Problems	4
Other Requirements	
See Science under College Basic Core page	
Minor	28
Electives	27
Marketing 334—Salesmanship or Journalism or Radio recommended.	
Total	192

HOUSING AND HOME MANAGEMENT COURSES

HHM305—Housing and House Furnishings. Four hours. (105). Prerequisite: C&T304.

Three one-hour periods and one two-hour period a week.

A study of the economic and sociological problems in housing and house furnishings; house plans in relation to their influence on family life; trends in heating, plumbing and lighting houses; selection and arrangement of house furnishings.

HHM315—**Household Equipment.** Four hours. (115)

Two one-hour theory and two two-hour laboratory periods weekly.

Prerequisite: Foods and Nutrition 285.

A study of the selection, operation, care, repair, and arrangement of appliances in the home.

HHM334—**Home Nursing.** Two hours.

The Care of the sick in the home.

HHM480—**Field Work in Equipment.** Five hours. (195)
Educational experiences with home economists in the co-operatives, or with other utility companies.

HHM485—**Home Economics in Equipment.** Five hours. (185c)

Course taken with Home Economics Education 480.

Planned experiences with home economists in power and utility companies, lecturers, and field visits. Introduction to the role of the home economist in business.

Field work for those planning to become home economists in equipment.

HHM482—**Economics of the Home.** Four hours. (196)

Problems of homemaking relating to wise use of time, energy, money, and resources of home. Consumer problems of the homemaker.

HHM484—**Home Management Residence.** Six hours. (197)

Prerequisities: Food and Nutrition 335 and Housing and Home Management 482.

Application of the principles of homemaking through actual participation in responsibilities of home. Care of home; meal-planning, preparation, and serving responsibility for baby; and social responsibilities.

HHM540—**Home Engineering.** Four hours. (640)

An intensive survey of various handicraft materials, processes, and procedures, as applied to a home situation. Adaption of the activities to adult programs. Mechanical care and use of home appliances.

HHM592—**Special Problems.** Two to six hours may be earned in any of the following areas: (674b, e, g, h)

a. Household Equipment

b. Housing

c. House Furnishings

d. Home Management

DEPARTMENT OF MARRIAGE AND FAMILY LIFE

Marriage today is becoming widely recognized as the most important vocation for which young people can prepare.

The primary objective of the marriage and family life curriculum is to assist college students to grow into intelligent, effective and satisfying family members in their own homes. The vast majority of youth today marry and establish homes of their own. There is grave evidence of the need for giving intelligent and functional guidance to these young people in order that their homes can be satisfying and lasting. Although the basic emphasis of the curriculum is learning to become a good marriage partner and parent, it also qualifies the student for some avenues of employment for additional income and/or as a means of self-expression.

Homemaking-Bachelor of Science Degree

		Hours
Basic College Core (see page 53)		56
Major Requirements		80
Freshman and Sophomore Home Economics Core	26	
Junior and Senior Home Economics Core	28	
Other Requirements in Home Economics Core	26	
Health 334—Home Nursing	2	
Clothing and Textiles 250—Textiles and Clothing	4	
Housing and Home Management 305—Housing and House Furnishings	4	
Housing and Home Management 315—Household Equipment	4	
Clothing and Textiles 350—Family Clothing and Textiles	4	
Clothing and Textiles 425—Advanced Clothing and Consumer Problems	4	
Child Development 420—Advanced Child Development	4	
Other Requirements		4
Psychology 319—Educational Pyschology	4	
Minor Requirements		28
Electives		24
Total		192

Homemaking-Bachelor of Arts Degree

	Hours	
Basic College Core for Bachelor of Arts—See page 56		64
Major Requirements		72
Freshman and Sophomore Home Economics Core	26	
Junior and Senior Home Economics Core	30	
Other Requirements in Home Economics	16	
Clothing and Textiles 425—Advanced Clothing and Consumer Problems	4	
Clothing and Textiles 350—Family Clothing and Textiles	4	
Housing and Home Management 305—Housing and House Furnishings	4	
Housing and Home Management 315—Household Equipment	4	
Minor Requirements		28
Electives		28
Total		192

Schedule for Curriculum
Homemaking Leading to the Bachelor of Arts Degree

Freshman Year

Courses	Hours
Home Economics Education 122—Introduction to Home Economics	2
Child Development 139—The Individual and the Family	4
Food and Nutrition 137—Food Study	4
Clothing and Textiles 126—Selection of Clothing and Textiles	4
English 101, 102, 103—English Composition	12
Mathematics 101—College Algebra, or 100—Basic Mathematics	4
Fine Arts 111—Beginning Design	4
Foreign Language	12
Elective	2
Physical Education Activity Course (3 quarters)	No Credit
Total	48

Sophomore Year

Courses	Hours
Social Science	12
Psychology 201—General Psychology	
Economics 200—Introduction to Economics	
Sociology 203—Introduction to Sociology	
Humanities	12
History (Suggested Choice 101, 151)	
Literature	
Philosophy	
Laboratory Science	8
Biology 101—Biology and Bacteriology 339—General Bacteriology	
OR	
Biology 101—Biology I and an additional Mathemtics course	
Foods and Nutrition 285—Meal Planning and Table Service	4
*Electives	12
Physical Education Activity Course (3 quarters)	No Credit
Total	48

*Speech 101 strongly recommended

MARRIAGE AND FAMILY LIFE COURSES

M&FL151—**Personal Development, Dating and Courtship.** Four hours. (51)

Establishing satisfying relationship in intellectual, social, emotional environment of college living. Study personal social values influencing dating and courtship. Student interests and problems arising out of college life.

M&FL351 or G351—**Marriage and Family Living.** Four hours. (151)

Prerequisite: Junior or Senior standing.

A course designed to give better understanding of the factors that contribute to success and happiness in marriage. Preparation for marriage; marriage adjustment; family functions and situations; factors making for successful family.

M&FL550—**Early Marriage Adjustments.** Four hours. (650)

Prerequisite: Permission of the instructor.

Social psychological aspects of the pair relationship during engagement and early marriage. Emphasis placed on interaction and communication as the pair faces the determining of family goals, planning for the family, and living together.

M&FL551—**The Family in the Community.** Four hours. (651)

Designed to develop teacher understanding of the social setting in which students live, and its importance in the development of family-living courses to meet student needs.

M&FL554—**Parents and Children.** Four hours. (654)

This course is offered to the mature student who is interested in parent-child relationships. Emphasis will be given to parent-child inter-action, home-social relationships and methods of working with parents in groups and individually.

M&FL592—**Special Problems in Family Living.** Two to six hours. (674f)

M&FL594—**Seminar in Family Living.** Two to six hours. (608)

M&FL596—**Research in Family Living.** Two to six hours.

M&FL598—**Thesis Writing.** Two to six hours. (514b)

THE LATIN AMERICAN INSTITUTE

Reginald C. Reindorp, Director
Conrow Stewart

The Institute of Latin American-Studies was organized at Mississippi Southern College by the late Col. Melvin G. Nydegger in 1947. Its principal aim is to foster and promote better understanding and warmer relationships between the Americas. To implement this aim the Institute offers two general types of courses. One of these is for Latin American students who come to the United States for the purpose of learning to speak the English language and to learn about the culture and customs of the United States. Additional information about these orientation courses may be obtained by writing to the Director of the Institute.

The other general type of course offers training to American students who wish to prepare for work or a career in inter-American affairs. These courses are called Latin American Studies.

ORIENTATION COURSES FOR LATIN AMERICANS

Each quarter the Institute offers a ten-week orientation course with classes in the English language, conversation, composition, grammar, culture and customs of the United States. These courses are attended by business and professional people and students, all of whom are international guests from Latin America.

During the months which comprise the summer vacation for the schools of Latin America (December, January, and February) the Institute offers a special five-week course for teachers. More advanced training of a technical nature is offered for both United States and Latin American teachers of English as a foreign language.

An examination to test the student's proficiency in English is offered at specified dates during the year. Any foreign student may take this examination by applying in the Institute two weeks in advance. There is a charge of one dollar ($1.00) each time the examination is taken except for orientation students in the Institute who may take it the first time free.

LATIN-AMERICAN STUDIES

The student who is interested in inter-American affairs will find many opportunities for study at Mississippi Southern College. There is also the advantage of mingling with Latin American students to become acquainted with their customs and culture and to practice speaking Spanish and Portuguese. The various departmental and divisional offerings in this field have been coordinated and developed into several inter-departmental curricula providing the following courses or degrees:

1. The Bachelor of Arts degree with a major in foreign trade.
2. The Bachelor of Science degree with a major in economics and related fields, with a minor in Latin American studies.
3. The Bachelor of Arts degree in secretarial studies.
4. A short, intensive course in Latin American studies for graduate students, business men, professionals and technicians, and teachers.
5. A two-year course for the preparation of bilingual secretary-interpreters or receptionists.
6. The Bachelor of Science degree in Latin American Studies preparing for service careers in Latin America in the following areas: elementary education, reading specialists, home economics and home-making, health education, sanitation, sanitary engineering, and others.

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Lake Byron, looking toward R. C. Cook College Union Building

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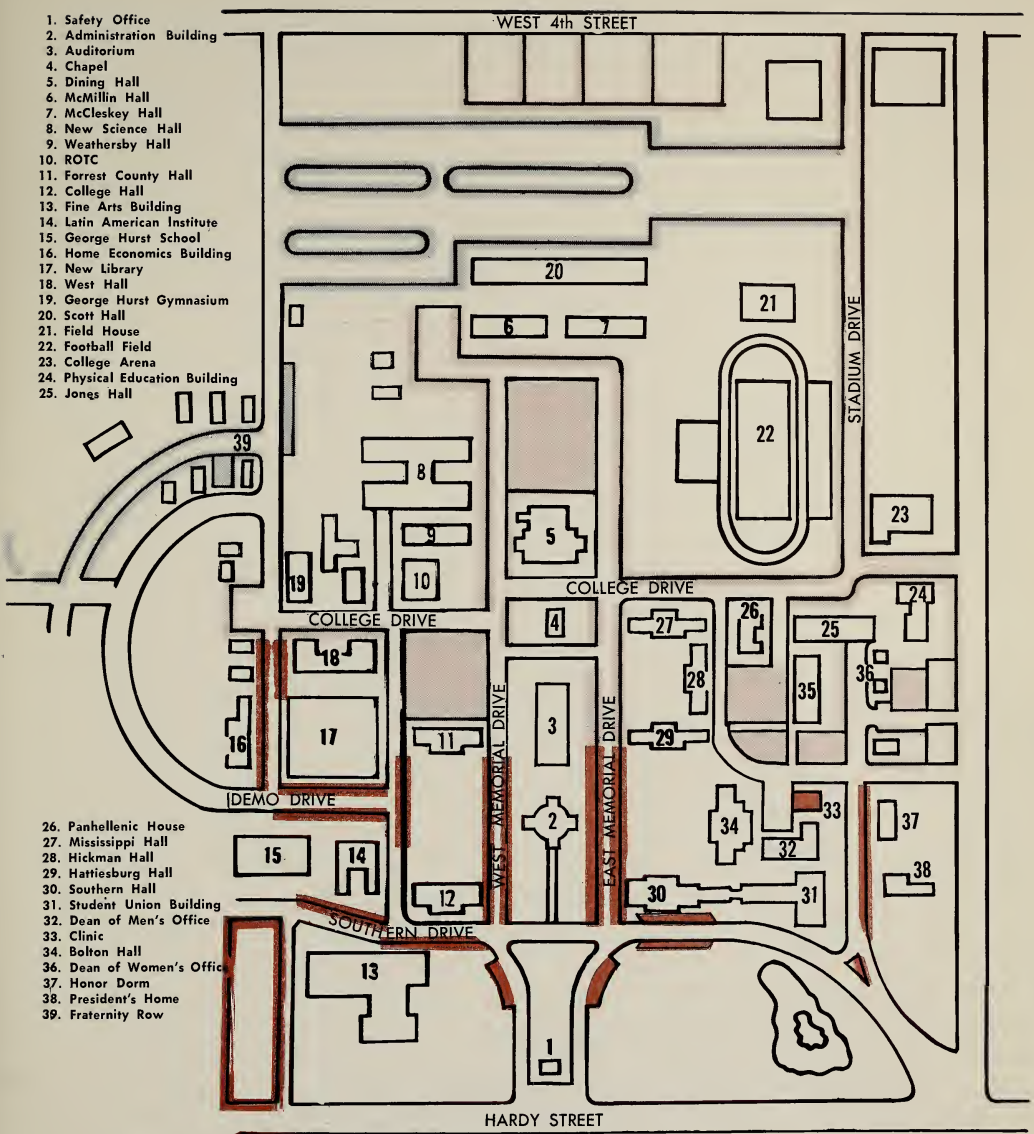

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